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JUNE 1960

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SKIN DIVER

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REFERENCE

ART AND MUSIC



ANGELES PUBLIC
JUN 1 - 1960



HISTORY
OF THE
DIVERS
FLAG

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WAITS THE
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SPECIAL ISSUE
BOATING
EQUIPMENT
FOR DIVERS

skin divers dream...

THE EXCITING NEW AMERICAN MARC

CATAMARINE



Here is a boat built for active marine sportsmen. The Catamarine is a sleek 16-foot catamaran combining eye-catching, low-in-the-water styling with effortless performance and safety. A generous 8-foot beam provides plenty of room for gear and 6 passengers. As a home-base for skin divers the Catamarine is ideal...with hull speed in excess of 50 MPH and with the rapid acceleration possible only in a catamaran, the Catamarine provides thrills for the most seasoned water skiers.

LOOK FOR THE STEPS:

The Catamarine is specially designed with two steps molded into the stern so skin divers and skiers can step right into the boat from the water. A unique feature of this fine American MARC boat!



American Marc Marine Division

1601 W. Florence Avenue, Inglewood, Calif.

- ☐ I'm interested! Where's the nearest Catamarine Dealer?
- ☐ Please send information on Dealerships and Franchise opportunities.

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MARINE DIVISION

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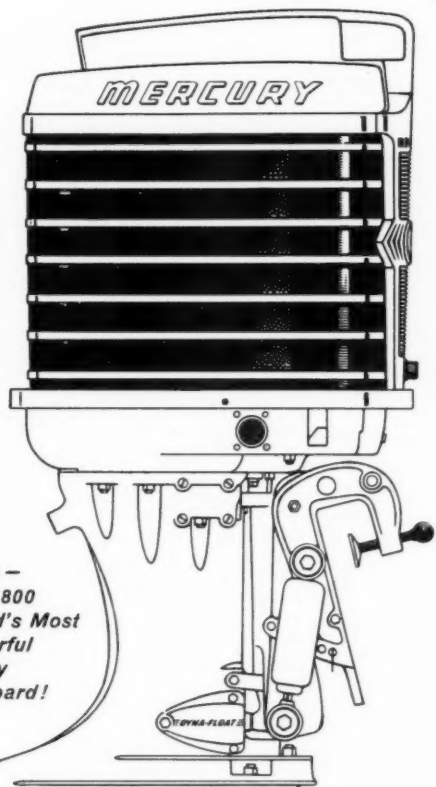
80 hp -
Merc 80
World's
Powerful
Family
Outboard

SKIN DIV

MERCURY is the world's

No. 1 outboard in

Power!



Of all outboards on the market, *only* a Mercury has enough thrust to lift five times its own weight! That's why Mercury's 70 hp Merc 700 is outperforming 75 hp competitors. Mercury gives you the widest useful operating range and the greatest reserve power above normal requirements.

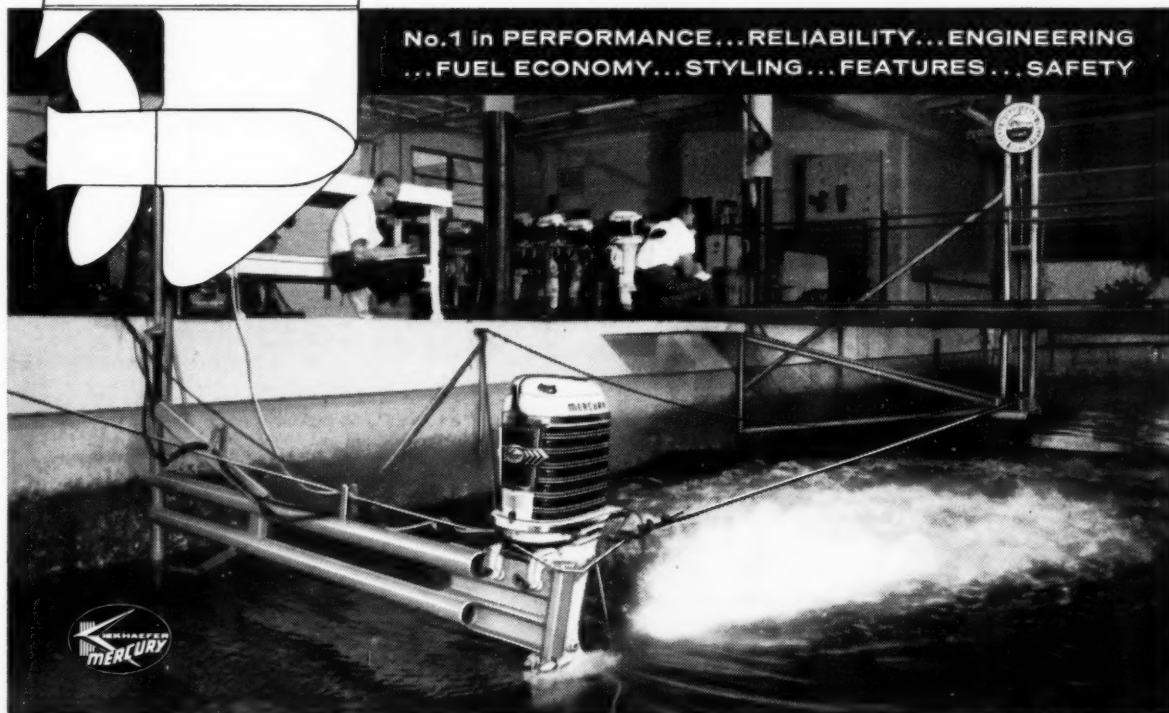
The reason is Mercury's modern *in-line* engine design, with smaller, lighter, tougher reciprocating parts and much lower piston speeds than long-stroke "big-bore" engines. Mercury's small-bore, short-stroke design not only develops usable power throughout a wider speed range but reduces inertia forces — the main cause of engine wear — to only about one-third those of competitive outboards operating at the same RPM! The result is bonus power and performance with longer engine life.

See your Mercury dealer for a demonstration of power no other outboards can touch — 6 to 80 hp, in twins, fours and sixes.

Write for free booklet, "An Introduction to Outboarding".

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Below — Static thrust testing proves that a Mercury can lift five times its own weight!





NOW!
**5-fingered
gloves
for
warm-blooded
skin divers**

New B.F. Goodrich gloves of Koroseal sponge "trap" body heat to keep hands warm

Just the glove for skin divers, SCUBA divers who want freedom for fingers . . . and warm hands, too. Gloves are molded of Koroseal sponge, insulate entire hand using same principle as "wet" type diving suits. Light, flexible, contoured to fit, these BFG gloves give fingers more dexterity than one-fingered mittens. Tough Koroseal material is smooth on the outside, will

stand rugged use. Two colors: black, safety yellow. Sizes: Small, Medium, Large and Extra Large. Suggested retail price: \$4.95. If your dealer doesn't have them, ask him to write BFG.

**Distributors and dealers: Please contact
Skin Divers Dept., The B.F. Goodrich Co.,
Watertown 72, Massachusetts.**

SKIN DIVER GLOVES BY



Reader's Ripples

After years of calling this column "Letters to the Editor", "Letters", or "In my Opinion", we have settled on the name . . . "Reader's Ripples". We will attempt to answer all letters that we can. Some other letters are referred to the appropriate authority. Readers are encouraged to answer any letter printed here.

. . . Can you recommend a paint (black) and preferably with a plastic or semi-solid base for painting on chromed parts of diving gear? It should just scar instead of chipping as regular paints do. Thank you,

Paul Doerr
No. 12
Wheatland, Pa.

Fast drying paints usually chip easily. Contact paint companies for info on a durable softer paint to go over metal primer.

. . . I have only been getting SDM a few months, but I think it's great. I have seen only one thing I don't like.

I was reading through my March issue of SDM when I came across a letter by Mr. Robert Dill stating that "Sea Hunt made a big joke of the buddy system." This got me kind of mad because Sea Hunt is a show for entertainment, not actual fact. To add to this are some words by the show's producer, and I quote, "If Mike had a buddy to get him out of trouble, there goes the plot."

I also agree with Jim Smyers about "Youngsters." I have seen many older divers with no more brains than a "sea urchin."

Bob Knowles
287 Brookfield Ave.
Youngstown 12, Ohio

. . . John Childers, former jet pilot, and restaurateur James G. Lander, will fly their twin Beech air-craft to Nassau for four weeks of skin diving. Anyone having a boat for charter in the Nassau area, please contact Mr. James G. Lander at Lander's Restaurant, 134 S. Wabash, Chicago 3, Ill.

. . . I received my April issue of "Skin Diver" today. Reading the article on page ten concerning a weapons permit to carry Mordem spearguns, of which I am an owner, I went to our Police Department to talk with them about it. They showed me a section in the penal code which proves the information which was printed in "Skin Diver" was false. Part 4, Title 2, Chapter 1, Article 2, sections 12026 and 12027 list the persons who are exceptions to the law. "Hunters and fishermen going to or from, and during their trip, may carry a weapon without a permit."

I hope that this may clear up this mistake.

Ralph Harmon
1905 University Ave.
Bakersfield, California

(More on Page 5)

SKIN DIVER—June 1960

SKIN DIVERS ONLY... WIN A GLASSPAR BOAT!



Here's a diver's dream come true...the Glasspar 16' Avalon. This is a fast, spunky, run-about ideal for every kind of water sport. And with plenty of room for a party of divers and their gear. Made of maintenance-free fiber glass...just the spray of a hose keeps her showroom new. This is the world's most popular runabout, from the world's largest manufacturer of fiber glass boats. Divisions in: Santa Ana, California; Olympia, Washington; Sherman, Texas; Nashville, Tennessee; Colonial Heights, Petersburg, Virginia.

Glasspar

THE GLASSPAR GAMEFISH DIVING DERBY. Here's all you need to do to enter and win a **GLASSPAR 16' AVALON**. Get a free application from your nearest Glasspar dealer, diving shop, or by writing Glasspar, Santa Ana, Calif. Then get out and spear the biggest fish you can find, making sure the species is in the categories listed. Each species will be evaluated by points. See graph. Bring a single trophy fish to a Glasspar dealer or diving shop to have the weight verified with the signature of the shop owner. Send the application and a photo of you and your fish to Glasspar, Santa Ana, California. The most points for a single fish wins. Contest limited to U.S. and will run from May 1 to July 30, 1960.

YELLOWTAIL
10 points per lb.



SHEEPSHEAD
20 points per lb.



**WHITE SEA BASS
(or Striper)**
7 points per lb.



BARRACUDA
6 points per lb.



**GIANT SEA BASS
(or Grouper, Jewfish)**
1 point per lb.



CARP
16 points per lb.



**BONITO
(or Mackerel, Tuna)**
20 points per lb.



LING COD
12 points per lb.



SNAPPER
9 points per lb.



**TAUTOG
(or Blackfish)**
25 points per lb.





Skin Diver Magazine

LYNWOOD, CALIFORNIA, U.S.A.

Telephone NEVada 6-0581

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at the post office at Lynwood,
California.

cover

Bubbles of enthusiasm spread
over the June Cover as thou-
sands of boats, every size and de-
scription, are employed by di-
vers to carry them to clear, blue
water.

JIM AUXIER

EDITOR

CHUCK BLAKESLEE

ADVERTISING MANAGER

CONNIE JOHNSON

ASSOCIATE EDITOR

JOHN GAFFNEY

ADVERTISING SALES

Devoted
to the
underwater
world

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READER

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READER'S RIPPLES

... According to your "World Wide Roster of Underwater Clubs," published in your February issue, we don't exist. You can well imagine our disappointment to hear that.

We, The Triton Divers, have been diving as a club for two years. And during that time we've been quite active, year around. Among our members, we have ex-Navy divers, certified instructors, and a National Y.M.C.A. Certified Instructor. Naturally, we are members of The Ohio Council.

Our purpose is to promote safe diving and favorable relations with organized fishing. So far we have promoted the diving flag by presenting to our divers, upon completion of second class divers qualifications, 18x18 diving flags to be used while diving. We have, at our own expense, circulated decals of the flag to neighboring clubs and distributed posters bearing the flag to area boating and yacht clubs. We have, at the request of line fishing clubs, participated in carp clean-ups. This was done so that these areas could be stocked with game fish.

Enclosed you will find a photograph of



one of the members, Dorothy Kempf, who has been chosen to represent our club as "Miss Triton of 1960." This picture will appear soon in the local papers. We sincerely hope you will find it merits printing in your magazine. With this photo as our last argument . . . Now do you believe we exist?

Donald E. Barber
Triton Divers
1625 Glenton Drive
Toledo, Ohio

The Triton Divers of Toledo should be added to the list. We won't forget a club that has divers like Dorothy.

... I thoroughly enjoyed . . . "Surfer Safari" article. Having spent the last two and a half years in Hawaii, I can well appreciate the awesome power of the waves friend Morgan describes . . . I'm more than slightly surprised at the 400 pound fish landed by the diminutive Mexican boy . . . Also slightly confused by your reference to his landing his fish "after one shot from a single arbaleta." Unless I'm mistaken he's pictured holding a double strand arbaleta . . . anyway I got a vicarious kick out of looking at all that potential fish fry material.

Jim Sturdevant
2709 Galpin Ave.
Royal Oak, Michigan

You are correct, Jim, it is a double rubber arbaleta. The young Mexican lad DID get him with one shot. His line was attached to a surface float.

(More on Page 6)

A treasure of easy-to-fix good eating!

All you need is a knife, a kettle, and fresh water. Kamp-Pack provides complete, ready-to-cook meals in light weight, flavor-sealed foil envelopes. Over 180 foods to whet your appetite. Just one envelope contains enough delicious "outdoor chow" for four or eight hungry skin divers.

Kamp-Pack saves time—reduces K.P. chores to minutes. It saves space, too. One day's complete menu for four—12 meals including breakfast, lunch, and dinner—weighs just seven pounds.

Kamp-Pack's foil-wrapped, low moisture foods are easy to pack, easy to prepare, and "home made" good to eat. Kamp-Pack foods have been used on safaris in Africa, on expeditions to Alaska, by skin divers in the Carribean. Kamp-Pack's 180 menus include omelettes, soups, stews, pizza, biscuits, hot cakes, desserts, and milk shakes. No refrigeration required.

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cover

Bubbles of enthusiasm spread
over the June Cover as thou-
sands of boats, every size and de-
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water.

JIM AUXIER

EDITOR

CHUCK BLAKESLEE

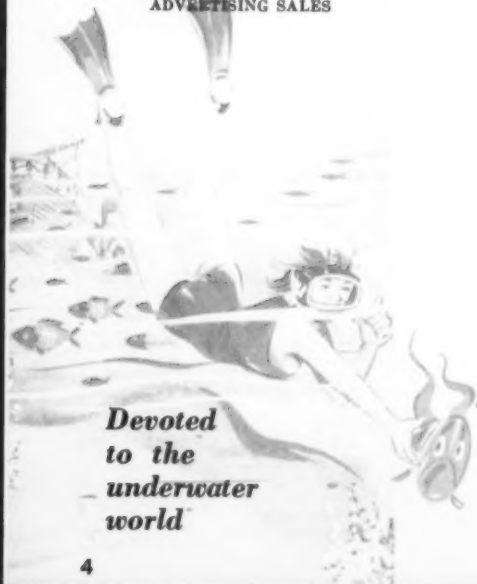
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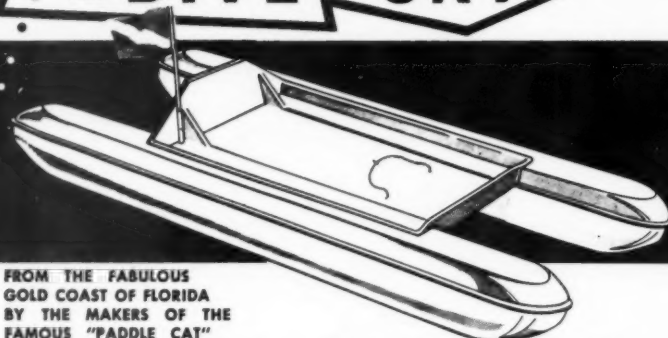
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Address _____

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FROM THE FABULOUS
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FAMOUS "PADDLE CAT"

This beautifully finished skin divers boat is crafted entirely of durable molded fiber glass. The simple 3 piece construction allows assembly and disassembly in seconds. Tested and proven, the "Dive Cat" keeps the diver close to the water for safe diving and easy re-entry and is guaranteed not to tip over. Designed to comfortably handle 2 with all equipment and is ideal with up to 7½ H.P.

- Deck Area 42" x 78"
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- Total Weight Approx. 165 lbs.
- 8 Non-Corrosive Wing Nuts to Assemble.

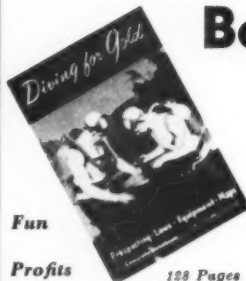
- Simple to Transport
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- Origin and Distribution of Gold.
- Equipment—from Snorkel to Dredge.
- Gold Recovery Techniques.
- Where to Prospect.
- Laws.
- Handling and Processing Gold.
- Equipment Cost and Maintenance.

Sonar TRANZISTORIZED DEPTH INDICATOR



- Valuable unit for spotting underwater wrecks, contours, types of bottom and schools of fish.
- Know exact depth of water beneath boat before diving!

This lightweight, portable, fully Transistorized Depth Indicator will add a new dimension to your next skin diving expedition. Instantly reads up to 120 feet. Can be temporarily or permanently installed anywhere on any size boat. Will operate from either a 6 or 12 Volt source, or from its own Battery Pak.* Designed with the exclusive easy-to-read Sonar BRITE LITE. Ruggedly constructed in special aluminum, non-magnetic salt water spray resistant case. *Battery Pak-\$19.95 (incl. batteries)

- 360°, 4" scale; 1 ft. calibrations.
- Reads from 1 to 60 feet on first revolution;
- 60-120 feet on second revolution.

MODEL D-60

\$114.95

Complete with transducer (keel or transom) and gimbal

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READER'S RIPPLES

A LETTER FROM SERGE BIRN

February 29, 1960

... One of our happiest moments was at the 1958 National and International Championships in the Grand Bahama Club, the best championship event ever held in America. Another was the 1959 World Championships in Malta. Last August 17 there were no prouder Americans in Malta than Gustav Dalla Valle and I when we shook hands with Terry Lentz, the newly crowned individual World Skin Diving Champion—the first American having won this honor coveted by all skin diving nations.



Serge Birn greets Terry Lentz after the meet in Malta.

We were proud of Terry and were equally proud of our coach—the big "Scandinavian" from Los Angeles, Jim Christensen.

And now, with the blessings of virtually all AAU officials, this Committee has fulfilled the work we took over 4 1/2 years ago. We are turning over the jurisdiction over our sport to a young, eager and dedicated organization, which has the full support of the great majority of our divers—from Seattle, Washington and Canada to Key West, and from Long Beach, California to the cold waters of the New England shores. Our best wishes go to this fine organization—The Underwater Society of America—and its dedicated President, Carl Hauber, and the many Regional Councils forming the Society.

I know these men and I know they are as dedicated to the principles of amateurism as the Athletic Union of the United States. I know that all of us look forward to their proposed affiliation with the AAU at our 1960 Annual Meeting.

Starting tomorrow, I am a "private skin diver". My only official capacity will be to represent American divers abroad and to take care of our interests before the World Underwater Federation, together with your and my friend, Gustav Dalla Valle. But I am always available to Carl, Del Wren, Hal Lattimore and all other officials of the Society any time my advice can be of any assistance to the Society and its officials.

Good luck to all of you—and my best wishes to the Underwater Society, the Regional Skin Diving Councils, and to our divers everywhere.

Sincerely yours,
Serge A. Birn, Chairman
A.A.U. National Competitive
Skin Diving Committee

... SDM has received a subscription from Cleveland, Ohio. However, most of the address was destroyed in a postal fire. Will the subscriber please furnish complete name and address, so we can enter your subscription. The first three numbers of the street address are 144. . .

(More on Page 8)

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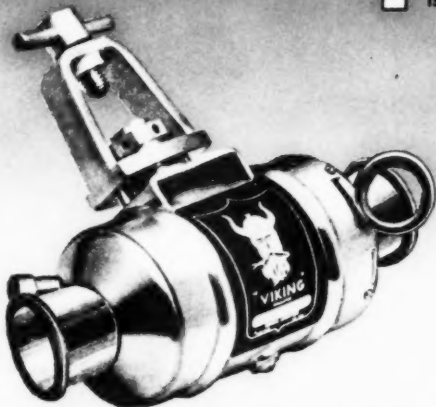
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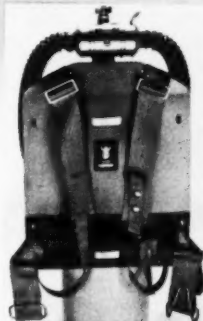
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READER'S RIPPLES

... I have a problem and I hope you or one of your readers can help me. This winter I built a case for my 16mm camera so I could take underwater movies while I was in Florida. I took about 500 feet of film of some of the most beautiful underwater scenes I have ever seen. I had no way of seeing the films until I got home and I am sorry to say practically all the film I shot came out bad.

My camera is a 16mm Keystone Model A-9. It has setting from F 2.5 to F 16. It also has settings for 10 to 64 frames per second. I had clear water with about 50 foot visibility all the time. I took all my pictures between 10 a.m. and 3 p.m. I used an F 2.5 lens opening and 16 frames per second. The deepest I took pictures was 50 feet. I used Anscochrome film. All the pictures were light with little or no detail. The bright colors of the fish didn't come out. If any one else has had this happen and been able to remedy it, would you please let me know what you did to correct it.

Thank you.

William Winfield, Jr.
M. R. No. 99
Dorman Road
Binghampton, New York

Perhaps other readers might have more suggestions, but for one thing... color film becomes virtually useless below 30 feet without artificial light as the warm colors of the spectrum have been filtered out. Actually a green filter is sometimes used on B&W film to give the illusion of the greenish cast in the water at moderately deep depths. Powerful banks of uw lights are necessary for use of color film at depths over plus thirty feet.

... Miss Robin Roberto, a recent U.S. diving addict, is in Rome doing a most spectacular job of public relations for the American diver.

She is blowing our whistle so loud and so pretty that a fine Italian magazine, "Mondo Sommerso" is eager to hear from our journalists and publishers who might like to exchange diving articles and information for publication.

Those interested can write directly to Robin at Via Adda 99, Rome, Italy, or your writer would be happy to make arrangements.

James Chochos, Jr.
Arlington Towers, M-548
Arlington, Virginia

... At the present I am in the navy station in Key West. I will be discharged in a few months and have been thinking about going to Alaska to school. I was wondering what the scuba diving was like up there and if there was much savage work going on around there. I would appreciate any information you could give me on this subject.

I have painted my tanks yellow, but have heard some talk that sharks, etc., will strike at a yellow object. Could you give me straight answers on this subject?

Richard L. Ryan
VF-101 Supply
NAS KEY WEST, FLA.

We are sure that this letter will bring you answers to your questions from Alaskan readers. Will sharks strike at yellow? Perhaps the answers will come to that question also; if not, ask the sharks.

(More on Page 12)



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SKIN DI

By
GENE
PARKER

History and purpose of the . . .

DIVERS FLAG

"A FLAG for skin divers? Are you nuts, buddy?" This was a sometimes reaction only four years ago when the first whispering murmurs of a Divers Flag were rumored. (Ed. note: "Skin diver" is now accepted in the dictionary as two separate words, un-hyphenated. The apostrophe before the "s" in Divers Flag is deleted.)

Four years ago there were about a million skin divers in the United States. Today there are over six million. The burgeoning number of boating enthusiasts has been proportional. Today the tone has become: "What! You're not using the Divers Flag in these boating waters? You must be nuts, buddy!"

Remember back in the summer of '57 when Ted Nixon displayed the Great Lakes Divers Flag? SDM blossomed with letters on the pros and cons of various pennants, signs, flags, and burgees. Much was mentioned about the Navy "Number Seven" flag. Gradually the flag we now use amassed the majority vote . . . and the No. 7 flag went out on the next tide.



No. 7 Flag



Red Pennant



Red Burgee

Briefly, the arguments in favor of the present flag were: Its transverse white stripe shows up better in wind, wet, or calm. It is not subject to the Navy's prescribed size specifications. (No. 7 is three by five feet.) Our flag can't be confused with Navy operations. Most important, the Divers Flag gives us a symbol of identity. Ted's February

article in "Skin Diver" completely sunk the No. 7 flag for skin diver use. That flag means only one thing . . . it indicates the numeral seven, nothing more. He further mentions: "After checking all the flags and pennants used by the U.S. Navy and the International code flags and pennants, we discovered that the only system of warnings and signals available were the Baker Flag, used to warn all approaching vessels of dangerous operations being carried on, i.e. munitions handling, explosive cargo, etc., and a flag hoist consisting of the international code flags Charlie, Fox Trot and Zulu.

As the Baker flag has several meanings in addition to the letter "B" this was ruled out immediately. The International flag hoist was also ruled out because of its size. (Each flag is 3' by 3' and would require about a 12' staff.)

In 1957 several clubs and councils started circulating posters to promote better diver-boatman relations. These posters did much to spread the good word about the Divers Flag. Power Squadron booklets, Motor Boating magazine, and many others began to wave our flag on the printed page. The first manufactured flags emerged in 1958. Now many concerns are mass producing the Divers Flag. In April of 1958 Michigan officially recognized the Divers Flag. The state placed a minimum size of 14 by 16 inches on the flag. By the end of the year the French diving magazine "L'Eau et le Vie Sous Marin" published my article on the "Divers Flag." The flag quickly gained world-wide acceptance (with color or pattern variations in some countries).

In the February 1959 SDM the New Jersey Aqua-Bats and the Sonoma County Reef Runners challenged the
(Continued on Page 66)



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READER'S RIPPLES

... I would appreciate your assistance by publishing this request for information. The Norfolk Police Department has recently formed an Underwater Recovery Unit which we hope to build into an official function to participate in water safety programs, life saving, rescue, salvage and whatever else presents itself along these lines.

Hence, I would greatly appreciate information from Police Departments, State Police, etc., particularly those which utilize their personnel in skin diving activity and which are official in nature. I am solicitous of the following data:

Number of men engaged in each organization. Type of training given to each and to the organization as a unit. Name and address of the director. Number of accidents or fatalities in which the law enforcement group was asked to help. Details, if possible. When organization was founded and how it is officially connected with established agencies. What is its jurisdiction and official duties? What kind of equipment does the organization use, particularly the brand name of scuba equipment? Number of law enforcement agents officially involved in the organization? Any criminal evidence discovered or detective work carried on by these men? Other pertinent information?

If those connected with such functions will answer these questions, I will greatly appreciate their interest as a fellow skin diving law enforcement officer.

I might add, by way of information, that our Underwater Recovery Unit in Norfolk has successfully located four safes, government electronic equipment valued at approximately \$3,500.00, plus numerous other items. At present, we have nine police officers in the unit.

Officer, Donald B. Aveyard
Norfolk Police Department
Second Precinct
Norfolk, Virginia

... May I call to your attention an error which appeared in the April issue of your magazine. On page thirty three, under two pictures depicting a man escaping from a submerged auto which has supposedly plunged under water, it states that he is making a free ascent and purging the air from his lungs to prevent air embolism. May I remind you that when an auto enters the water and submerges its occupants enter the water with the air in their lungs at atmospheric pressure. The real danger would be in a collapsing (lung) during descent rather than embolism during ascent. Air expulsion would not be necessary since air embolism could not occur.

J. R. Fox
1301 Alberta St.
Dayton 9, Ohio

It is possible that trapped air in the car, at ambient pressure, could sustain life for a short while. An escaping victim could conceivably incur embolism on ascent. In the main, however, we will agree with your opinion.

... I am located on an Indian reservation on Neah Bay, Washington. We have a terrific education problem here. The average first grade class consists of thirty. Of the thirty about five graduate from high school. It is my personal ambition to use skin diving as a stimulus to education. I wonder if some of the readers can give me some ideas on how to go about this. I've seen too many intelligent teen-agers leave school for a job in the logging woods or to go fishing.

Ron Ambrose
Neah Bay
Washington

READER'S

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READER'S RIPPLES

... We are studying temperature insulators in physical science class. I found out that gases are the best insulators, especially light gases. Do the makers of wet suits know that if the porous neoprene had a very light gas in it instead of just plain air, they might be able to make a 1/8" suit with two sides or faces that would be as warm or warmer than a 1/4" suit? Now if this were done in a 1/4" suit just think of what an improvement this would be.

Jim Frederic
1226 Calapooia
Albany, Oregon

The November 1956 SDM featured wet and dry suits. On page 9 it mentions... "Closed cellular neoprene... is a chemically blown material, blended with neoprene, to result in a closed cellular material composed of millions of tiny balloon-like cells containing inert nitrogen."

... I am seriously considering buying a scuba after diving for some time and am pretty confused by all of the advertising, free advice, etc. that I am running up against. I would greatly appreciate any help you can give me concerning all component parts—especially the tank and type of regulator. Which do you consider the most practical—the newer single hose or the more common two hose, and what about price, there are some very expensive and some quite inexpensive. I'd like to ask you to recommend a type and brand name to me—if this is possible—something that you like and would use. There are so many to choose from—and I'd hate to make a mistake. Your opinions—anything you can give me will be greatly appreciated.

John M. C. Fuller
2156 Beverly Way
Santa Rosa, California

We receive many requests of this nature. For obvious reasons we cannot recommend any one type or make of equipment over another. Suggest that you study February 1959 issue of "Skin Diver" which featured regulators. Rent and compare rental units as they indicate which make stands up best. Talk to other divers.

Ancient Anchor Found Off Catalina

A large ancient anchor has been discovered off the east end of Catalina Island by Bob Retherford. Bob was testing a camera housing for Aquatic Research Company at 120 feet when he spotted the anchor sitting in an upright position. He estimated the weight of the eleven foot anchor at 2800-3000 pounds.

Dr. Olguin, curator of the Cabrilla State Marine Museum, identified a picture of the anchor as dating prior to 1865. Bob followed the anchor chain down to 190 feet and had to surface because of a low air supply. A check of the area with a fathometer revealed the outline of a ship at 220 feet. Research on ships wrecked in the area showed that it might be the remains of the San Sebastian containing \$2 million in gold bullion. Records at San Juan Capistrano Mission list a pirate ship carrying a reported one and a half million as sinking in the area.

A dive has been planned to raise the anchor and to follow the chain down to determine the ship. Pier Point Landing in Long Beach has agreed to purchase the anchor for a landmark and will donate boats and help defray expenses for the raising. The divers will use ten 55 gallon oil drums to float the anchor (each drum is capable of lifting 420 lbs.).

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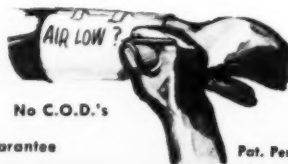
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Oddball Octopus Shows Up Again

The Department of Fish and Game reports that a rarely seen California octopus was taken by a trawl boat off Monterey Bay last month. It is commonly called a flapjack devilfish, but its scientific name is *Opisthoteuthis californiana* Berry. The Berry is after S. Stillman Berry, a marine biologist, who first described the animal in 1948. Only four known specimens have ever been captured in California waters.

It is a "web-footed" octopus, if you can imagine. All eight tentacles are joined by a flabby web of flesh—why, no one knows.

The innards of this beast are peculiar, too. Many accoutrements of the normal octopus are just not to be found in the flapjack devilfish.

Berry describes it as "resembling in about equal degree a soggy pancake or a very dirty floor-mop."

Athlete of the Year Nominations Deadline October 15

All regional organizations and underwater spearfishing clubs are invited to submit the competitive records of their outstanding underwater spearfishermen, after a poll among the members, to Helms Hall, 8760 Venice Blvd., Los Angeles 34, California.

The final date for receiving nominations for the 1960 Amateur Athlete of the Year is October 15, 1960. The selection of the judging committee will be announced on November 15, 1960.

The recipient of the Helms Award for the Amateur Athlete of the Year does not necessarily have to compete at the National Underwater Spearfishing Championship. If his club, inter-club, state and regional championship performance is tops, he may exceed all competitors reaching the nationals.

Rough Fish Contest To Be Held June 4

The McClellan Aqua Knights Skin Diving Club will sponsor a "rough fish" spearfishing tournament in the Consummes River. Never before in California has such an event been tried. (A newly enacted law has legalized rough fish fresh water spearfishing in California.)

Six events are planned, team and individual events will be held in the open and junior classes. Special events will be the women's open and largest fish contest.

A valid 1960 sportfishing license with a warm water fishing license stamp attached will be required for all persons over 16 years of age. Only carp, suckers, squawfish and hardhead fish may be taken with the spear. All contestants must be able to identify fish common to this stream prior to acceptance into the contest. This tourney will take place on June 4 at Bridgehouse on the Consummes River where Highway 16 crosses, downstream to the confluence of Arkansas Creek and upstream approximately one mile.

Registration must be made prior to the contest. The registration fee is one dollar. Final registration will be at 9 a.m. the day of the meet with the contest starting at 10 a.m.

Information and registration forms may be obtained by writing: Rough Fish Tournament, P. O. Box 7, North Highlands, Calif.

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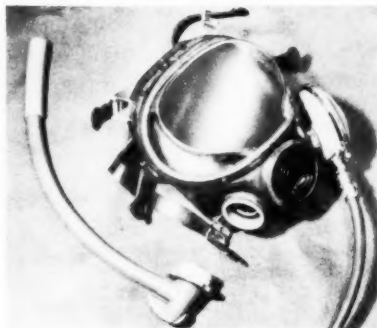
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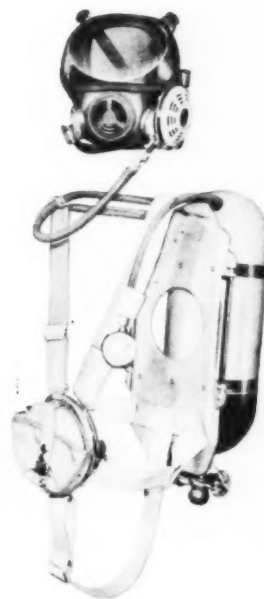
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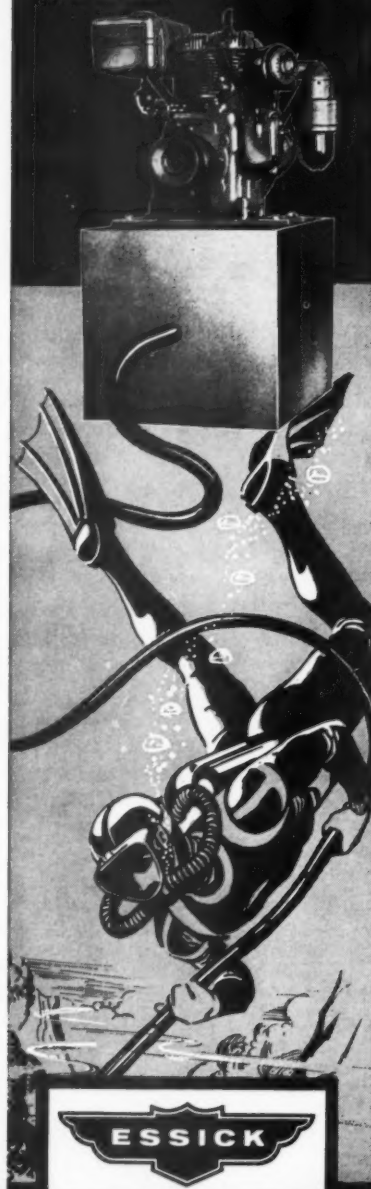


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RARE CORAL DISCOVERY

By Bob Retherford



FOR THE past several years I had heard stories of a type of coral, deep purple in coloration, that was to be found somewhere around the offshore islands of Southern California. Small bits of this growth had found their way into several of the shell collector shops of Newport Beach. This had been brought in by the commercial abalone divers and was considered quite rare. For the most part these pieces were rather insignificant and seemed to be a mere fourth inch of purple "swiss cheese" encrustation growing over small rocks—nothing at all to get enthused about. Consequently, it was quite a surprise to me in January of this year, while passing along the waterfront, to see a fully stalked twelve inch piece of beautiful coral clinging in the net of a commercial fisherman. Upon questioning, the fisherman seemed not in the least interested about the stuff as he didn't know what it was and furthermore didn't care. After plying my bored new buddy with a few beers, he did remember that the coral had first appeared in his nets some two miles off the west end of Catalina Island at about 140 feet down.

Two months went by before a chance to dive in this area presented itself. Several things were unusual.

First of all—no coral is supposed to grow in California waters. Second, diving in that particular area is usually impossible due to being on the windward side of the island. And third, this particular rise in the ocean floor affords very difficult anchorage and is only about one eighth of a mile square.

The second Sunday of March a group of ten divers, headed by my buddy instructor Ken Marx and I, set out from Newport Beach aboard the forty foot boat "Channel Clipper." We crossed the channel and reached the other side of Catalina Island in less than three hours and then the fathometer search began. Our adept skipper, Omar Dickerson, finally let out a yell that the fathometer was recording fifteen fathoms. We dropped the hook and were fortunate in securing to a rock pinnacle on the first try.

Ken Marx and two other divers hit the water quickly, following down the anchor line. I followed about thirty feet behind and upon reaching a depth of sixty feet, ran headlong into Ken coming back. He used the throat-cutting signal for 'danger' and pointed to the surface.

I took his word for it and followed him up where I found him telling the other divers on board that he had run into a nine foot white shark. The fol-

Coral divers strap on new tanks and drop down to 140 feet for the rare California purple coral. Photo by Dick Spencer.



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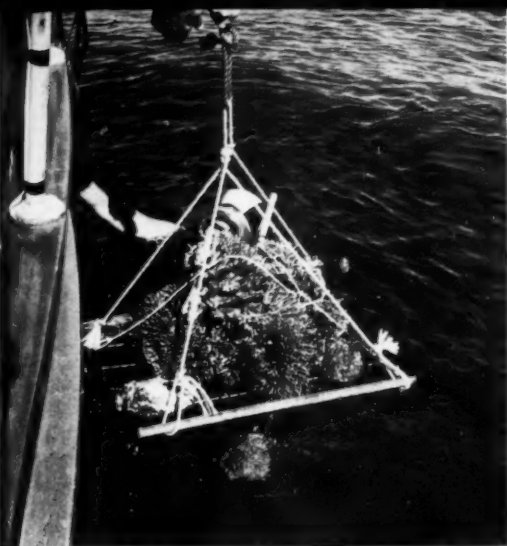
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This rare purple coral grows only in a specific type of underwater terrain and under certain current conditions. Here is a load of purple "gold" being retrieved from Retherford's secret reef.

lowing discussion was dominated by conversation about pulling the anchor and heading in close to the island for the rest of the day. Suddenly it dawned on us that two of our divers were still down there!

There was only one thing to do—go after them. At that moment there was a yell off the stern and here came our two other divers, one clutching a beautiful eighteen inch piece of purple coral. That did it! To heck with the shark.

We all hit the water and down we went; it seemed as though the bottom would never appear as I passed



Gathered around the harvest of coral are Dennis Devaney of the Kerkhoff Marine Lab., Ken Marx and Bob Retherford.

through the various thermoclines. Still visualizing white sharks, I watched the needle on my depth gauge hit the 140 foot mark. Then my knees bumped a rocky bottom and I felt something crunch. I had landed on a sloping pinnacle that was covered with coral. By this time my eyes had adjusted and the panorama around me was breathtaking.

The water was quite clear, but a pale amethyst color prevailed everywhere. I then realized that this eerie lighting effect was caused by the re-

flective qualities of this immense field of purple coral. Everything seemed purple! Exceptionally large purple opal eye drifted by, followed by the inevitable sheephead with their usual red bands showing as a purplish hue. My buddy nudged me and pointed into a crevice. I turned sideways for a better look and then stared in disbelief. So help me, it was a purple octopus! I still refrain from telling many people about this as I always get a sympathetic knowing look that indicates they think I should change my brand, or go see a head-shrinker.

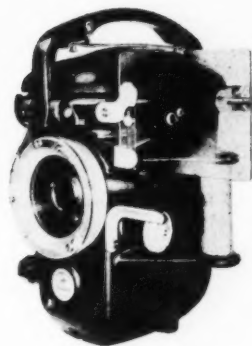
We pried several nice chunks of the coral off and put them in a gunnysack. This was a mistake as some of the branches snagged, breaking off in the sack. Our time on the bottom was quite limited due to the depth, also, we could make but one dive per day without getting into decompression problems.

Upon returning with our discovery, we found the coral had generated quite a bit of public interest and we wound up with pictures and articles in several newspapers. Dr. Willis Pequegnat, noted marine biologist of the California Institute of Technology, identified the coral as *Allopora Californica*, a hydro-coral of the species *Calliostoma*, and sent samples to Denmark and the Smithsonian Institute. He was even more interested in the rare shells of *Pedicularia Californica* and *Paraxanthias taylori* found living in the coral.

As a result of our find there will be some of the coral and shells on the collector's market. I might add that—naturally—I did not give the exact location of this discovery. What diver would? It would be sad indeed for some commercial enterprise to move in and wipe out this entire beautiful purple world. >

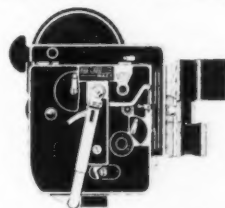
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balanced buoyance



makes perfect underwater movies easy

The Bolex Underwater Housing is designed for easy 8 or 16mm camera insertion and removal without tools for filming land or sea scenes. Perfect buoyance prevents housing from pulling toward surface or dragging down. Pressure resistance and stability guaranteed to depth of 300 feet. All camera controls are operated from outside. Features two side handles, two viewfinders, built-in parallax corrector, neutral filter for increased picture contrast and reflection-free shooting.



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16mm
REFLEX

Settings for all pro effects ashore, with thru-lens viewing and focusing and three-lens turret. Hand backwinding, footage and frame counters, 6 governor-controlled speeds. New model H-16REX features variable shutter for professional fades!

WIDE ANGLE LENSES. Unlimited depth of field! For flawless underwater scenes, use Kern-Paillard precision-ground lenses with the shortest focal lengths in the world—Switar 5.5mm f/1.8 for 8mm camera, Switar 10mm f/1.6 for 16mm camera. They're made especially for Bolex.

Write Dept. SD-6 for literature and the name of your nearest Bolex Dealer.

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Attention All Divers: Amateur, Professional, Salvage, Scientific, Instruction

The UNDERCOM* has been perfected for use in both salt and fresh water.

*The UNDERCOM: a short range, private, wireless telephone system, will allow skin or scuba divers to dive and swim, talk and hear underwater with clarity and flexibility, free of entanglements or vibratory noises.

The UNDERCOM system has been developed to improve all forms of underwater communication, ignition signalling and monitoring.



Diver Equipped with No. 1 Undercom

The No. 1 UNDERCOM worn by two or more divers provides wireless transmission and reception of the voice within a wireless range of 40 feet in salt water and 30 feet in fresh water.

Larger sizes of UNDERCOMS with more powerful batteries will provide greater wireless range.



No. 1 UNDERCOM



No. 1 UNDERCOM MONITOR

The No. 1 UNDERCOM MONITOR is worn by an observer on the shore, in a boat or swimming on the surface, providing wireless transmission and reception of the voice between the observer and the divers, the divers to the observer and diver to diver.

UNDERCOM systems are available in larger sizes with greater wireless range to suit special underwater communication problems. Special quotations will be prepared to specifications submitted. Literature will be furnished or demonstrations arranged on application. Manufactured and sold by

UNDERWATER ELECTRONICS CORPORATION

8 Cody Street,
West Hartford 10, Connecticut



TERRY (L) AND HUGH

OFF THE CUFF WITH A CHAMPION

By HUGH JEFFERIES

As a former officer in the U. S. Navy Demolition Team, and an avid skin diver, I was very anxious to meet Terry Lenz, who in 1959 won the World Spearfishing Championship, winning over a field of tough seasoned divers from the three Mediterranean countries, France, Italy and Spain. For many European people it was hardly conceivable that a Californian could compete and win against their own athletes.

During two fascinating hours he related his experiences in these tough spearfishing contests. I was particularly interested in learning about the kind of equipment he uses and advocates, and I asked him several specific questions.

Question: What kind of mask are you using?

Answer: This is a difficult question to answer. Let me first go back to some basics of underwater vision. Even if you have a mask with the glass close to your eyes, your field of vision is narrow and many things can happen around you which you are unable to detect. I consider the standard mask design a drawback because it limits the side or peripheral vision. I had been dreaming for years of a mask which would really approximate the kind of vision you have at the surface. Several weeks ago, my dream became a reality; I had the opportunity to dive with the new "Aqua-Lung" mask, with the three planes of glass. It completely

changed my dive. I no longer had any screens on the sides and I was not missing anything underwater. What a difference!

Question: Don't you have any distortion on the sides of the "Aqua-Lung" mask?

Answer: Yes, but very little. After diving with this mask, I learned, that as in normal vision at the surface my clearest vision without eye strain is straight ahead with a normal sweep of eye movement. This mask, however, provided a complete side view awareness of everything that came into my normal visibility range. For a complete perfect view, I simply turn my head as at the surface. I can honestly say that after making a few dives to accustom myself to these factors, I was so delighted with the panoramic view provided that I have decided to dive with no other mask.

Question: What about guns? What guns are you using personally?

Answer: I am loyal to the old Champion Arbalette. I have been using it for years. I think it is still the most powerful, accurate gun in the world. It does not require any special maintenance and care. I would not switch it for any other one in any spearfishing contest. I know several guns were put on the market during the past two years, but I tried them and I came back to my Arbalette.

Question: How many elastics are you using?

Answer: Four. I mean, two sets of two elastics.

Question: Are you in favor of the weighted head?

Answer: I am personally using it this way: when I need a very powerful shot with a big impact (for instance, in the case of a big game), I use it. It proved very efficient and accurate.

Question: In this very controversial field of swim fins, what is your opinion?

Answer: Again this is a difficult question. I know many people are in favor of a fin with a full foot; many others prefer a strap fin. I belong to the second category, myself. I am advocating for a fin with the blade in line with the leg, and which has a strap and a foot pocket big enough to put a boot in.

Question: Are you in favor of a stiff blade or a flexible one?

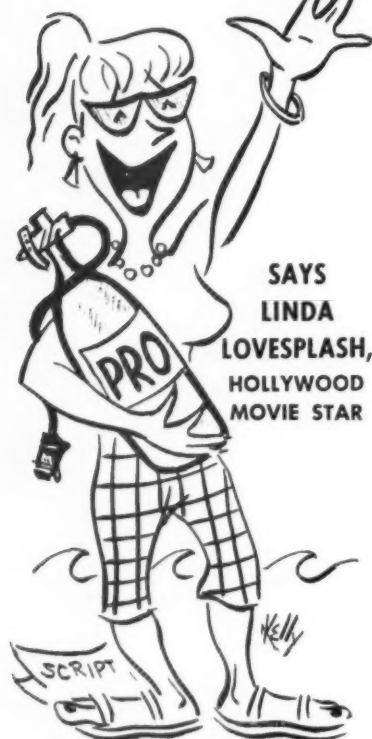
Answer: Again, this is a difficult question. A big, powerful fellow normally will prefer a stiff blade; a smaller person will normally like a flexible blade. If you want to swim very fast for a short distance, probably a flexible blade will be better, but for long, steady swimming a stiff blade will be the preference of many individuals. For myself, I recently switched to the "Aqua-Lung" fin, in which I found all the qualities I was looking for and especially the fact that the blade curves in the same line as the leg. This gives me the maximum efficiency.

I have many other questions to ask you, Terry, but I prefer to keep them for another time. I would like to thank you very much for all the details you have given me, and to tell you how proud we all are in this country of your wonderful performance.



A PRO JESTAMONIAL:

"DAHLINGS,
I JUST LOVE
MY PRO
SCUBA!"



SAYS
LINDA
LOVESPLASH,
HOLLYWOOD
MOVIE STAR

You will agree with Hollywood stars — the PRO-60 is the most advanced SCUBA on the market.

The PRO has all the features you want to make your skin swimming safe, comfortable pleasure.

For example, check these PRO features . . . "pressure equalizer" mouthpiece . . . inverted or standard design . . . low pressure hose . . . corrosion-proof metals . . . logical price.

"ACT NOW . . .
SEND FOR THE
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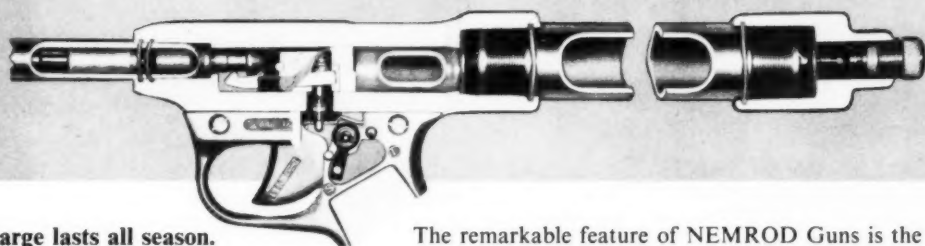
DIVERS' CALENDAR

- | | |
|-----------------|--|
| June 1 | Competitive Spearfishing Committee meeting, Roosevelt Park, Los Angeles, Calif., 7:30 p.m. |
| June 4-5 | Two day skin diving festa, Campbell River, Vancouver Island, B. C., Canada. Sponsored by Tide Rippers Diving Club and Chamber of Commerce. |
| June 5 | Northeast Council state congress eliminations. |
| June 11-12 | Second annual spearfishing tournament, Lake Bull Shoals, Pontiac, Missouri. Sponsored by Kansas City Frogmen Club, Inc. |
| June 12 | Pacific Coast Championships, Monterey Bay area. |
| June 12 | Northeast Council Championships. |
| June 12 | Rhode Island Council team championship, Sachuest Point Naval Reservation. |
| June 12 | Connecticut Council spearfishing meet, Wicopesset Island, noon. |
| June 12 | Ohio Council Meeting, Columbus, Ohio. |
| June 18-19 | ASDC Spearfishing Contest, Lewes, Delaware. |
| June 18-19 | Michigan Skin Diving Council second annual Tres-Or-Ama, Higgins Lake. |
| June 19 | Eighth Annual Pacific Coast Junior Underwater Spearfishing Championship, Laguna Beach, Calif. |
| June 25-26 | Northwestern Wisconsin Diving Council's weekend treasure hunt, wreck dive. Dance the 25th, Sturgeon Bay, Wis. |
| June 26 | National Underwater Spearfishing Championships, Laguna Beach, Calif. |
| July 3 | Southeast Regional Tournament, Florida. |
| July 6 | Competitive Spearfishing Committee meeting, Roosevelt Park, Los Angeles, Calif., 7:30 p.m. |
| July 10 | Connecticut Council spearfishing meeting, Watch Hill, noon. |
| July 24 | Scuba meeting, Momauguin Beach, East Haven, Conn., 1 p.m., Connecticut Council. |
| July 30 | National Open Spearfishing Championships of Great Britain, Looe, Cornwall, England. |
| July 30-31 | Northern California skin divers abalone contest and spearfishing meeting, Van Damme State Park, Calif. |
| August 1-5 | World Underwater Spearfishing Championships, Rome, Italy. |
| August 7 | Annual Connecticut Open Spearfishing Championship, Napatree Point, Rhode Island. |
| August 14 | Connecticut Council spearfishing meeting, Fishers Island, noon. |
| August 15-17 | New Orleans-Grand Isle Scuba Divers 1960 International Tournament. |
| August 22-26 | National Diving Patrol Instructors Certification Seminar. |
| August 19-21 | Underwater Society of America First Annual Convention, Shamrock Hilton Hotel, Houston, Texas. |
| August 20 | ASDC Championship Tournament. |
| August 27-28 | Ohio Council annual dive, Cedarville, Ohio. |
| September 3-5 | First Owen Sound International skin diving festival, Ontario, Canada. |
| September 10-11 | Atlantic Skin Diving Council annual general meeting and convention (location to be announced). |
| September 11 | Sonoma County Reef Runners annual spearfishing meet, Ocean Cove, California. |
| September 11 | Connecticut Council team championship meet (location to be announced). |
| September 18 | Connecticut Council scuba meeting (location to be announced). |
| October 26 | Deadline Southeast Council of Skin Diving Clubs photography contest (movie category). |
| November 27 | Ark-La-Tex Gar Rodeo, Hickory Hollow, Lake Bistineau, near Shreveport, La. |

Nemrod

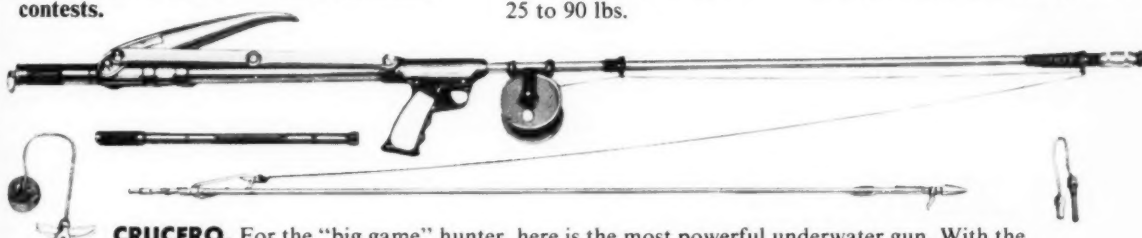
PNEUMATIC UNDERWATER GUNS

by **SEAMLESS**

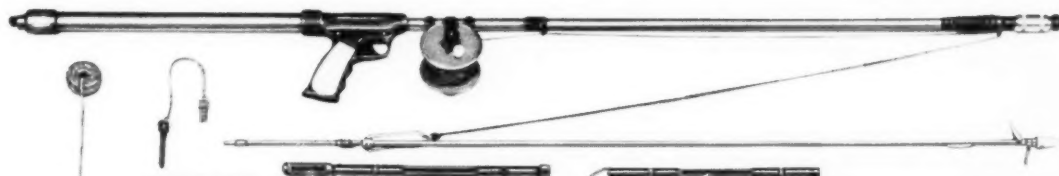


- One charge lasts all season.
- Greatest power and accuracy with power variable at owner's choice.
- Easily reloaded underwater.
- No air bubbles or water turbulence.
- Eligible for all international spearfishing contests.

The remarkable feature of NEMROD Guns is the power source . . . air. Air and oil are locked within the barrel and chamber by the piston which prevents escape. The gun can be fired all season long without recharging and without diminished force. Loading is accomplished by pushing the shaft into the barrel, increasing the air pressure in the chamber. Pressure may be varied, depending on the model, from about 115 to 600 p.s.i. with a loading force of 25 to 90 lbs.

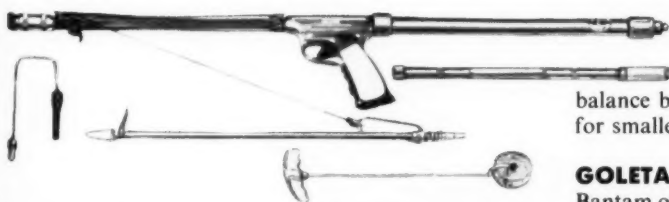


CRUCERO. For the "big game" hunter, here is the most powerful underwater gun. With the supercharger at the rear of the handle, the air can be further compressed to increase power by about 30%. At full power it has an effective range of 30 to 36 feet. **6024—\$69.95 Retail.**



FRAGATA

Most popular and versatile model, this gun is complete with line reel for playing fish as a line fisherman to insure your catch. The gun is deadly accurate within an effective range of 25 feet. **6034—\$54.95 Retail.**



CORBETA. A short, powerful gun for use in reef, cave, rock and jetty areas, it has great maneuverability and can be used without the balance bar. Use of the reel is optional and not necessary for smaller fish. The effective range is about 15 feet. **6044—\$39.95 Retail.**

GOLETA

Bantam of NEMROD pneumatic guns. Marvel in precision and power. Effective range about 10 feet. **6054—\$27.50 Retail.**

See NEMROD, the complete line of underwater equipment with the most exciting new features, at your local sporting goods store

ATHLETIC DIVISION • UNDERWATER EQUIPMENT

THE SEAMLESS RUBBER COMPANY • NEW HAVEN 3, CONNECTICUT

DEPTHOMATIC

For the FIRST TIME a Skin Diver's

Watch, Timer and Depth Gauge Combined!



TELLS DEPTH! Exclusive Depth Indicator glows bright red for easy reading. Registers to 350 feet.

HIGHEST VISIBILITY! All numerals and hands are luminous giving sharpest visibility at all times.

RECORDS ELAPSED TIME! Outside scale registers elapsed time underwater or remaining time—to the second.

SELF-WINDING! Greater safety automatically, because it keeps itself wound all the time.

Only DEPTHOMATIC is a watch, timer and depth gauge—all in one! This precision 17-jewel instrument shows your depth at all times. Slim, waterproof* stainless steel case—no bigger than a silver dollar. Recommended by the famous Swiss Underwater Sports Association. **\$89⁵⁰**

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CROTON NIVADA GRENCHE

At fine jewelers in 105 countries.
Or write **CROTON WATCH CO., INC.**,
404 Park Avenue South, New York 16, N.Y.
for name of nearest dealer.

*When case, crown and crystal remain intact.

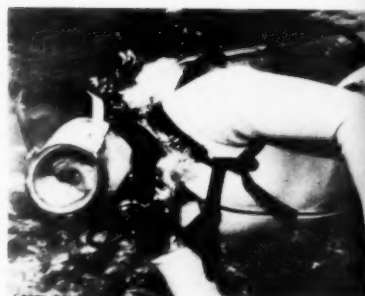


SAMUEL LECOCQ

Samuel Lecocq, underwater rescuer, engineer for Sportsways, has achieved the distinction of being recognized as one of the world's foremost inventors and creators of new concepts in basic underwater equipment.

An expert diver for the past ten years, he has worked in close conjunction with a large aircraft company and the government on the human factors unit of the space simulation program.

Lecocq is responsible for the development of Sportsways' entire line of new valves for compressed air tanks. Over \$300,000 has been poured into the valve project in the past two years and many new products will be reaching skin divers from the company in the coming months as a result of this research.



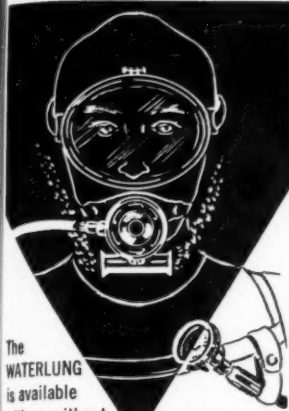
Sam is one of the unusual types of engineer... by putting into actual usage his ideas that appear on the drawing board. He controls all laboratory and field testing of the Sportsways engineering, development and research departments... much of which is done personally by Sam.

Annual Tournament Slated By Kansas City Group

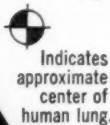
The second annual spearfishing tournament of the Kansas City Frogman Club, Inc. has been slated for the weekend of June 11-12 at the Pontiac Boat Dock, Pontiac, Missouri. Competition starts at 7 a.m. Sunday and ends at 2 p.m.

Divers can register for competition from noon-1 p.m., 6-9 p.m. Saturday and 6-8 a.m. Sunday. Registration will be \$3 per diver and 50 cents for women competitors.

Fourteen trophies will be awarded individual and team winners. A compressor will be available, however to facilitate refilling club compressors will be welcomed. Judges for the events will be appointed by the clubs in attendance, one from each club. Each team will consist of two divers.



The WATERLUNG is available with or without the Sea-View Pressure Gauge. Installs directly in First Stage.



Indicates approximate center of human lung.

WATERLUNG



Captain Walter B. Miller ... Director of Range Operations, U.S. Naval Missile Range Center, Point Mugu, California, has now selected the WATERLUNG for his personal use

SPORTSWAYS WATERLUNG ... conceived on principles that have no precedent in design and engineering! A single hose two stage regulator ... the world's finest, most advanced self-contained underwater breathing apparatus ... with depth compensated automatic air reserve!

This scientific comparison test is proof positive ... why SPORTSWAYS WATERLUNG is the easiest breathing demand regulator ever made!!!

In all demand regulators an initial effort is required to actuate the demand valve. To this must be added the height of a column of water (indicated in inches in each diagram) which must be added to the initial effort.

The effort required for normal human breathing on the earth's surface is 0".

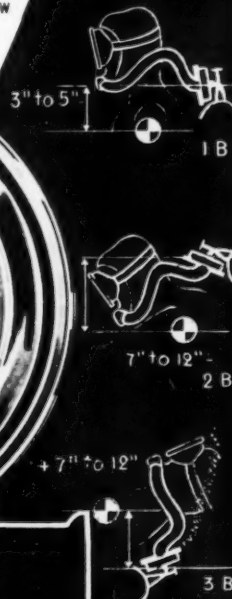
Each diagram shows in inches (plus or minus) the height of the water column from the center of the human lung to the demand regulator.

Diagrams 1A, 2A, 3A show location of the WATERLUNG Demand Regulator at the mouth ... in relation to the center of the human lung in all diving positions ... as compared to the location of the old two hose type regulator ... as shown in diagrams 1B, 2B, 3B.

- **IN THE NORMAL DIVING POSITION:** The Waterlung Dia. 2A, requires only an additional effort of 0" to 1" as compared with the old two hose regulator Dia. 2B, which requires an additional effort of 7" to 12" in the normal diving position.
- **SWIMMING ON THE BACK:** In Dia. 3A, the location of the WATERLUNG Demand Regulator still permits comfortable breathing ... 4" to 6". Compare this with the old type two hose regulators (Dia. 3B.) where the location of the demand regulator causes the air to flow forcefully rather than on demand ... with an overpressure of 7" to 12". The result is an excessive loss of air supply and extreme discomfort to the diver.

The results of these comparison tests and a host of other incomparable features are the reasons why thousands of the world's foremost S.C.U.B.A. divers and diving authorities agree ... the WATERLUNG has the scientific design • workmanship • materials • performance ... that herald a new era ... makes the future of S.C.U.B.A. diving a reality today!

2 HOSE REGULATORS



NEW MODEL "B"

- | | | |
|---------------|-------------------------------------|----------------------|
| Cat. No. 1301 | WATERLUNG Regulator | retail \$65.00 |
| Cat. No. 1302 | WATERLUNG w/Sea-View Pressure Gauge | retail \$90.00 |
| Cat. No. 1401 | Sea-View Pressure Gauge | retail 24.95 |
- (can be purchased separately and installed when desired)

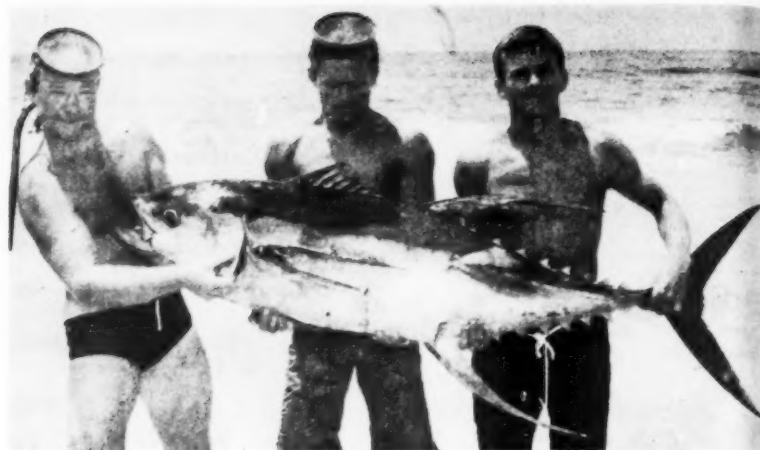
SPORTSWAYS, INC. World's Most Advanced Diving Equipment!
7701 EAST COMPTON BOULEVARD • PARAMOUNT, CALIFORNIA
SEE YOUR LOCAL DEALER OR SKIN DIVING SPECIALIST SHOP ... OR WRITE SPORTSWAYS



Time has brought decisive progress in the fight against cancer. Ten years ago one in four persons with cancer was saved. Today it's one in three. But time alone will not conquer cancer. Time plus research will. And research needs your dollars. Send your contribution today to "Cancer," c/o your local post office.



AMERICAN CANCER SOCIETY



BLUEFIN TUNA LANDED BY AUSTRALIAN DIVERS

Skin divers in Australia speared a 120-140 lb. bluefin tuna near Bondi that might constitute an Australian underwater spearfishing record.

Reports of the rare diver's catch are somewhat conflicting. One story names two divers, Noel Ward and Scott Dillon, as the capturers of 140 lb., six foot tuna. The other adds another diver, D. McMeekin, and lists the size as a 120 lb., five foot tuna. Whatever the size, the catch is fantastic for divers. ➤



Dacor Test To Be Held In Bahamas

Bahama Bound . . . Off on a flight to warm waters to start testing several newly designed Dacor products that will be marketed in the future, are Don Hue, Dacor Production Manager and Sam Davison, Jr., Dacor Vice President in charge of Engineering. Sam, an expert pilot, plans to fly to the Bahamas for the testing. ➤

8th Annual Junior Championship Slated

The Eighth Annual Pacific Coast Junior Underwater Spearfishing Championship will be held Sunday, June 19, at the Main Beach, Laguna Beach, Calif. The Boys' Club will sponsor the event for boys 12-15 years old with the cooperation of the Underwater Society of America and the help of the Greater Los Angeles Council of Diving Clubs.

Awards will be presented the top four places. Two man teams are being invited

to the event from throughout the country as this is the only junior event in the nation. ➤

Glasspar Derby Deadline July 30

Gamefish are being registered by divers for the Glasspar Gamefish Diving Derby in hopes of bringing home the prize 16 foot Avalon runabout offered the winner of the derby.

The event which opened May 1 will run through July 30th of this year and will be limited to divers operating within the waters of continental United States.

Skin divers landing fish of the ten species included in the contest must verify the fish's weight with a diving shop proprietor or a Glasspar dealer and send a photo of himself with his catch to the boat manufacturer to be eligible for the prize.

Glasspar has worked out a chart on a point basis relative to species, weight and difficulty of spearing. Scores will be totaled as per the following fish and weight: giant sea bass (grouper, jewfish), one point per pound; barracuda, six points; white bass (or striper) seven points; snapper, nine points; yellowtail, ten points; ling cod, twelve points; carp, sixteen points; bonito (or mackerel, tuna), twenty points; sheephead, twenty points; and tautog (or blackfish) twenty-five points. ➤

Divers Sought For University Sponsored Project

Wanted! Four experienced divers for a treasure seeking expedition to probe forty-three wrecked ships of 1500-1940 vintage. The wrecks are buried and/or exposed in various stages of decay in clear waters of twenty-five to one hundred fifty feet. Relatively safe diving conditions for thirty-day diving period beginning late July 1960. Divers must be willing to work and follow orders during salvage operations.

Round trip travel distance beginning at Miami—3,000 miles. Will consider only persons with the following qualifications: (A)—6'5"-8'0" shallow draft motor or sail boat capable of being outfitted for this venture or, (B)—Minimum of \$2,000.00 per diver to invest. Only total of six work-expense sharing persons allowed on cruise. All to share on pro-rata basis of findings.

Those interested, please send resume of experience, background, address and telephone number to: Gene D. Vezzani, 66 Pryor Street, N.E., Atlanta 3, Ga. ➤

SKIN DIVER—June 1960

Sport-o-mation

now presents

PIRELLI

world's pioneer of diving equipment

NEW

PIRELLI

"EXPLORER" REGULATOR

WORLD'S DEPTH RECORD HOLDER
—429 ft. DOWN

- ★ Safest Regulator designed.
- ★ Allows 80% more diving time.
- ★ Eliminates diaphragm pressure differential.
- ★ Aids breathing.

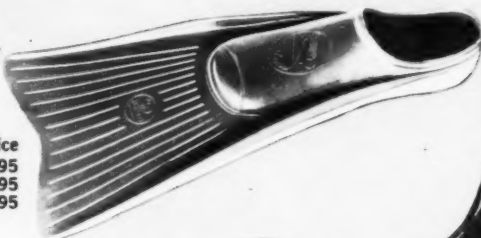
Cat. No. P-101..... \$79.95



NEW "ALCIONE" FINS

- ★ A full-foot, form fitting fin.
- ★ Fin tip rigidity.
- ★ Power angle design.
- ★ Floating blue rubber.

Cat. No.	Shoe Size	Price
P-141	5 - 7	\$6.95
P-142	7 - 9	7.95
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NEW "ARGONAUTE" MASK

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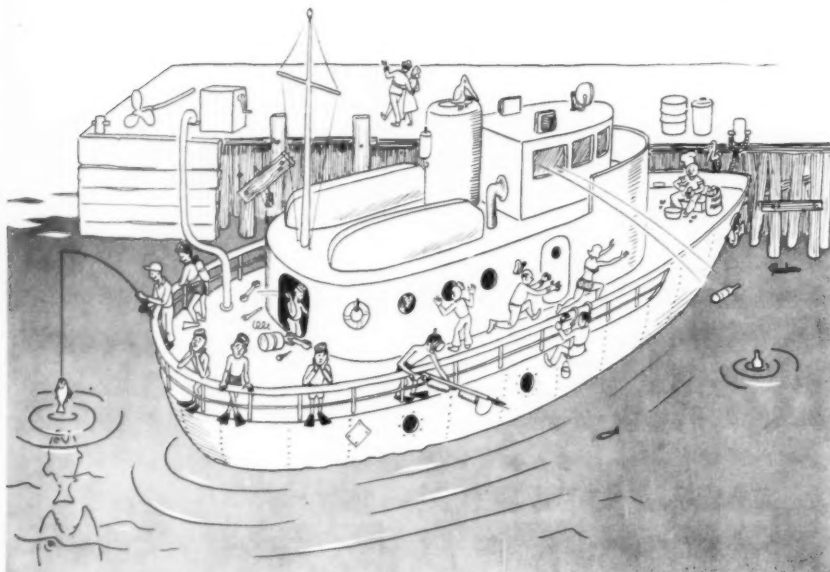
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ONCE UPON A TIME...

By WAYNE GREEN



ONCE upon a time a group of twenty-five skin divers set forth from a small town in southern Florida... Miasma, I believe it was, on a ten day skin diving tour of the Bahama Islands. The portents were good: weather excellent, a good large ship with room for everyone, lots of food and water aboard, a huge compressor on the fantail ready to recharge the scuba at a moment's notice... even a sprinkling of girls among the passengers.

A quick tour of the ship put everyone in high spirits... plenty of toilets, including showers, electric fans in all the staterooms to keep us cool on those hot Bahama nights, two small boats to help take divers to isolated reefs, depth sounder, automatic pilot, etc. The 104 foot craft looked good.

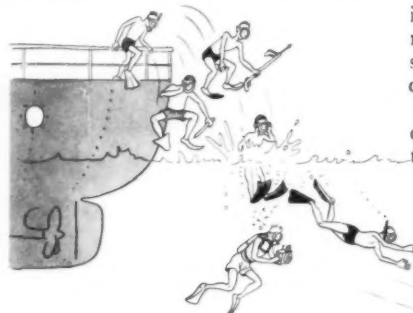
We realized, of course, that actuality never quite lives up to one's dreams, but this was in no way a preparation for the nightmare ahead. The ship left Miasma well after midnight, having been delayed several hours because the captain had forgotten to fill the fresh water tanks. Once away from the dock we found that the fans and most lights worked only from the Miasma Power & Light lines. The almost unventilated cabins soon seemed more like steam baths.

As we reached the gentle ocean swell we discovered that a ship that has a round bottom draws only five feet of water, and has a superstructure reaching some twenty feet out of the water can achieve a rock and roll

which will induce nausea in an old sea captain. It did little to bring sleep to the sweating passengers.

First Day

The schedule called for us to anchor at daybreak at an old wreck for three hours of diving. Our launch was to take those interested to a nearby reef. At noon we were to move to another good diving spot for an afternoon of diving. We made the daybreak anchorage by ten o'clock



and found that our three hours of diving were, in fact, 40 minutes of diving one mile from the wreck. The launch was put over the side, loaded with divers and a crew member to run it. The whole lot drifted gradually over the horizon with the motor unstartable and the ship had to up-anchor and chase it. The afternoon was a spent at the dock in Bimini.

It was quite a day... and so were those that followed!

And the food. Never had any of us had such terrible food. Our col-

lective experience was wide, covering many countries and all branches of the armed services. Even the three weeks I had to live on Spam during the war when all other meat on the submarine had spoiled palled in retrospect. The result was that the passengers would rush ashore as soon as the ship would dock and raid any store in the vicinity, bringing everything they could carry... crackers, fruit juice, beans, etc... anything they could eat cold.

The water ran out (no more showers or shaves). Most of the toilets stopped working. The depth sounder and automatic pilot were broken. What a cruise!

The Crew

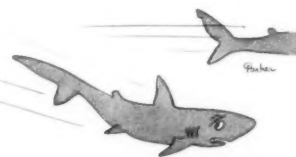
The cook who knew nothing about cooking fit right in the scheme of things. The fat, balding, shifty-eyed character who was supposed to keep the cabins clean spent his days drinking beer he had smuggled aboard and his nights peeking into the girls' cabins. The first mate and his aide spent the cruise wooing and beering two of the gal passengers who, I'm sorry to report, responded most enthusiastically. The captain had enough beer of his own, so he didn't notice much of what was going on.

The trip soon became a battle between the skin divers who were trying to keep the ship near good diving spots and the crew who were trying to keep it in port. The crew had the upper hand in this and won time after time by emptying the water tanks so we would have to go into port to get more water. There really wasn't much diving done.

The Passengers

All of the entertainment was not in watching the crew drink beer and make passes at our lasses. We had some real characters among the skin divers, too.

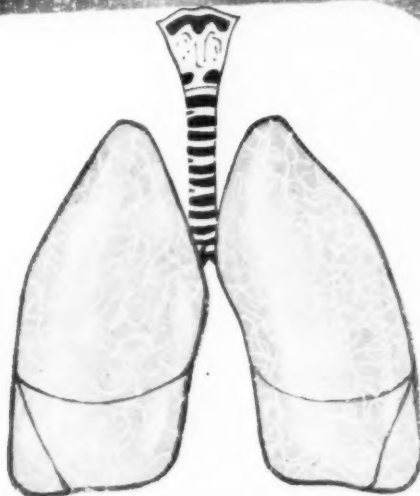
For instance there was this chap we called "Alabama", who was a bug for trolling. He always had a line out



when we were cruising. He started by borrowing a rod from another passenger and baiting up with a small hunk of frozen meat. This rinsed for several hours before an 8" balao managed to catch up with it long enough to commit suicide. Ala. then put the balao on a larger hook as bait and settled back to see what would happen next. Toward evening the

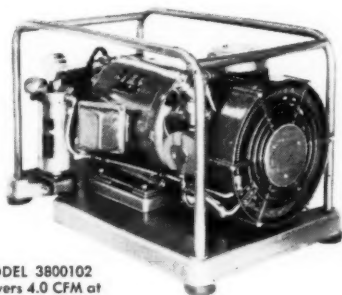
(Continued on Page 64)

Mother Nature is a **TIGHTWAD**



Mother Nature is a paradox . . . benevolent but stingy. She endows us with a very practical means of breathing that requires little care on our part . . . but she makes no provision for "spare" or "parts" replacement. As a result, you have only one pair of lungs and they must last you a lifetime. So why take chances on breathing compressed air

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DEATH AWAITS THE DARING



By
ELLSWORTH BOYD

KEITH MACLEAN gunned the engine of his sleek green and white four passenger Bonanza and soon the tower of Broward International Airport was a speck on the horizon behind us.

Thirty-five minutes later, Bob Allen shouted, "There she is! Bimini! And there's our baby—THE SAPONA."

Like an ancient apparition, she rested on the reef, half jutting out of the water, half submerged. Broken in two, her stern listed while the bow and mid-ship stood erect like an old soldier still at attention.

Could the innards of this phantom, the sole survivor of a fleet of twelve concrete cargo ships, be the lair of the 'big one' which we had searched so long and so diligently for? I wanted the Jewfish badly, but Bob was so enthralled about spearing him, he cast safety aside. Precautionary measures were forsaken as I watched his reckless form disappear through a small jagged opening in the side of the ship. His snorkel was torn from his mouth as it

caught on a protruding reinforcing rod, but he grabbed it and swam through. He was inside THE SAPONA. Keith and I had no choice but to follow suit.

We surfaced in a huge compartment, the floor of which formed a giant tick-tack-toe board of criss-crossing steel beams. Overhead, the sun beamed through small holes in the deck. Twelve feet below, in the gloomy nooks and crannies of rusty boilers and twisted metal, red snappers of unbelievable sizes hid from the searching tips of our deadly arbaletes. But we wanted 'the Big one' and Bob was the first to hear the "thump, thump, thump," of the tail of a big fish as it restlessly moves back and forth in a compact grotto.

The grotto took the shape of a walk-in closet. Its doorway was six feet high and three feet wide. It appeared to be a storage room, possibly for fuel to fire the boilers. The room was as dark as a pit and there was little doubt that the thumping sounds were eman-

ating from its gloomy recesses.

Meanwhile, the currents outside the ship were stronger with the increased velocity of the northwest wind. A forceful surge had formed inside the ship and we were jostled back and forth by the forward and backward rushes of water. It was like being in a giant bathtub with the water sloshing to and fro from side to side.

Before Keith and I could stop him, Bob disappeared into the dark eerie room. He was down for almost a full minute before I submerged and stuck my head through the doorway of the pitch black chamber. Panic gripped me as the surge almost sucked me into the room. I violently pushed away from the entrance and hell-bent I fought my way to the surface.

Keith ripped the snorkel from his mouth and yelled, "There he is!"

First his gloved hand appeared, clutching for the framework of the entrance. With both arms extended, a hand on either side of the entrance, he

(Continued on Page 78)



Exploring the stern of the ship, despite her list and twisted hull and prop remained intact.



Boyd clings to an overgrown piece of the wreckage combatting the deathly surge and current.

"aqua-lung-professional" foot fins

The new "Aqua-Lung" Professional Fin answers the divers' total needs for maximum power, comfort and durability. Features: Long, thick blade with heavy rib cross-section on the same plane as the diver's leg; this feature provides maximum propulsive thrust... aided by the whipping action of the stiffened blade itself.

Open-heel design preferred by military and professional divers; heel strap and rounded, roomy foot-pockets are moulded from special flexible rubber.



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A revolutionary concept in underwater vision... a Dive Mask with U-shaped "wrap-around" tempered glass lens which provides completely unobstructed vision! The Mask skirt made of highest quality rubber, with finely bevelled edge for perfect seal, with or without Exposure Hood, provides a slanted lens for unobstructed view without neck strain during ascent. The chrome-plated, aluminum frame provides strength with lightness. The lower skirt, with built-in "Equi-Pressure" feature, permits pinching the nostrils when blowing to equalize the ears. Purging device is included for ease of clearing the mask, used optionally, can be quickly and easily inserted by the diver.

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"AQUA-LUNG" PROFESSIONAL DIVE MASK, Black . . 9.95

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NEW AQUATICS PRODUCTS



The Stardust, brilliant performer of the American Marc line, with all of its unusual beauty, is a boat of great integrity. It attains speeds of 50 MPH without effort. The 15' Stardust is comfortable because of the ample 78" beam. The molded hull depth is 30". Outboard power up to 80 hp can be used with assured safety. Eleven other boats are built by American Marc, ranging from 14' to 30'. Outboards, diesel inboards, cruisers, catamarans and motor sailers make up this exceptionally complete line. For further information write American Marc, Inc., 1601 W. Florence Avenue, Inglewood, California.

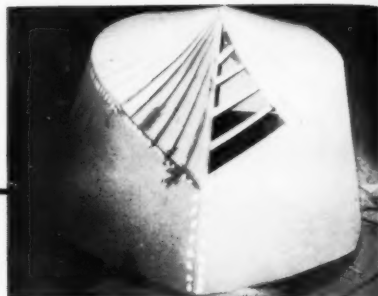
A new below-the-deckline docking light for runabouts and small cruisers eliminates glare in the pilot's eyes. It concentrates the light on docks, pilings, and buoys. The Morse type docking light is low in cost, is adjustable to maximum visibility and has a sturdy heavy gauge housing that will fit any hull shape. The installation is weather-proof and water-tight. For additional information, write to the Morse Instrument Company, Hudson, Ohio.



Two new low-cost marine clutch or throttle controls have been announced by the Morse Instrument Company, Hudson, Ohio. These models control either the engine throttle or hydraulic transmission. Both give precision response on push or pull cable operations. Engineering specifications and prices can be obtained by writing The Morse Instrument Company, Hudson, Ohio.



A complete test was run of the Volvo inboard-outboard drive on the Kauffman Osprey 19 at Sarasota, Florida. It has a 7½ foot beam, gross weight including engine 1650 lbs. Volvo representatives stated that it was one of the most all round compatible hulls on which they had seen the Volvo tested. She trimmed out level at all power settings. Full plane was easily attained with varying loads from two to five men. Average speed on the measured mile was 33 mph. Kauffman Boat Works, Inc., P.O. Box 188, Osprey, Florida.



A revolutionary small craft hull design, called Con-Lo-Form has been introduced by Kauffman Boat Works, Inc. It enables a small craft to give large yacht riding characteristics in rough water. It will carry heavy loads without bogging down, reduce wind drift and roll to a minimum, and stay on course at low speeds. The ½" bottom is concave and double planked with narrow planks of plywood diagonally laid over eight longitudinal stringers. Kauffman Boat Works Inc., P.O. Box 188, Osprey, Florida.



Aqua Motor Board. A float on ordinary auto innertubes. Powered by a lawn mower engine. Build this unit yourself for about \$24.00 less engine and airboat type prop. Comes apart for easy transport, simple to construct.



This Pioneer Folding Boat, believe it or not, sailed from Buenos Aires, Argentina, to Miami, Florida. It is 18', the hull is made of 5-ply natural rubber and the deck is waterproof canvas. It has a wooden frame, all fittings and rivets are brass and copper. Disassembled, it packs into three luggage-size carrying bags and will fit in the trunk of a car. Two air-inflated sponsons make the boat unsinkable. It takes up to a three hp motor. For information, call or write Pioneer Folding Boats, 206 East 86th Street, New York, N.Y.



Literature on the new Marine Depth-Finder recently introduced by Electro-Voice of Buchanan, Michigan, is now available. Complete information on the self-contained battery powered unit is given in the bulletin put out by EV's Marine Division on their latest product. Copies of this bulletin can be obtained by writing Electro-Voice, Inc., Buchanan, Michigan.

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Frame kits, large scale plans, and full-size patterns for three build-it-yourself power catamarans—14' Jet Cat, 17' Hell Cat, and the 18' Aqua Cat cabin cruiser—have been made available by Glen L Marine Designs. Further information may be obtained by contacting Glen L Marine Designs, 9152 Rosecrans, Bellflower, California. Or, by sending 50c, you may obtain a complete catalog, illustrating each of the many Glen L designs, along with step-by-step photos and instructions on the procedures of building a boat.

A handy item for skin divers is the diver's De-Liar manufactured by the Langley Corporation of San Diego, 310 Euclid Avenue, San Diego 12, California. It is useful for measuring lobster and abalone and when not in use, the De-Liar folds completely. A small De-Liar weighs fish up to 8 lbs. and sells for \$2.00. The large model weighs up to 28 lbs. and measures 42", retailing at \$2.50.



Known as Up-Right Hydrofoils, aluminum hydrofoils of a standard size and design to fit outboard boats up to 2,000 lbs. gross weight have been introduced. Quickly and easily installed, they gently lift the boat out of the water so that it streaks across the surface at three times normal speed with only the foils and the propeller submerged. The complete set consists of three foil assemblies: one for the stern and two for the bow. Gas consumption is cut in half. In rough water or on sharp turns the three point suspension of the hydrofoils increases stability and safety. Manufactured by Up-Right Hydrofoils, 1013 Pardee St., Berkeley, California.



The sensational new Skooba-"totes" rubber suit has become as much a part of the equipment of the ardent water skier as the skis themselves.

And, remarkably, this same all-weather sports garb ranks No. 1 with that ever-increasing army of skin divers.

Skooba-"totes" are manufactured by the So-Lo Marx Rubber Company, Loveland, Ohio, which, by the way, makes the world's largest-selling lightweight rubber footwear for men, women and children.

There are two kinds of Skooba-"totes"—a Professional \$29.95 suit in Brown, and the new extra-lightweight Golden Tiger Skooba-"totes," in safety yellow and retailing for \$19.95. Both types are made of pure gum rubber and are available with hood attached or separate. The shirt and pants are made watertight at the waist with an easily-applied device.



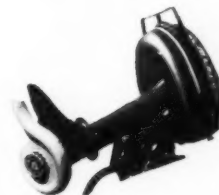
A Marine "Chargicator" shows battery charge electrically from the boat instrument panel. Individual checks of condition of each battery up to nine can be made with one meter. A glance at the dial tells instantly whether the boat batteries are charged sufficiently for safe cruising. This kit consists of chrome plated, machined panel, 9 position rotary switch, switch knob, all mounting hardware and stud assemblies. Available from Morse Instrument Company, Hudson, Ohio.

This new all-brass fire extinguisher ends corrosion problems for divers. This portable fire extinguisher is all-brass, including the shell and valve. It weighs under five lbs. and uses Formula H dry chemical powder, has a large visual pressure gauge. It is available from the Fyr-Fyter Company, 221 Crane Street, Dayton 1, Ohio.



The design of the Zodiac, her remarkable performance, safety, and nautical qualities makes this rubber inflatable boat a delight for the average diver. Manufactured of tough Neoprene. Covered with nylon and containing three or five separate air chambers, depending on the model, this boat is resistant to sunlight, salt water, ozone and petroleum products. It is equipped with seats, oars, and retractable wheels. Weighs 147 lbs. and will fit in the rear of an average American car. For further information, please write to the New York Rubber Corporation, Beacon, New York, Attention: C. W. Haines.

Available from Curtiss-Wright Corporation, Santa Barbara Division, 6767 Hollister Avenue, Goleta, California. Fish moving beneath the boat are revealed by a slight movement of the needle. A Curtiss-Wright Depth-Probe is fully transistorized and consists of two parts: the transducer and the electronic direct reading meter. Housed in corrosion resistant rubber, the transducer can be permanently attached beneath the hull or clamped to the side of the boat. Only a single control is needed to operate the Depth-Probe. It uses a 22-1/2 volt Eveready 763 battery. The unit retails for \$89.50 and carries a one-year unconditional guarantee.



The Top Four Company, 6450 Roland St., Buena Park, California, announces the production of a jet conversion unit for 3, 5, 6, and 7 1/2 H.P. outboard motors. This unit called the Jet Squid is a flat snail like pump which can be substituted for the conventional right-angle drive. It can be operated in the shallowest of waters, in heavy weeds, and its safety to divers is obvious.



Mexico visitor Larry Scott contemplates the rest of the world from the decomposing mouth of a large whale.

By OMAR NEILSON

DIVERS TAKE SMALL BOATS INTO SEA OF CORTEZ

IF you have made it this far, all is well" is the literal translation of the name of this tiny Mexican Island located in the midriff area of the Sea of Cortez.

Five of us from Long Beach, California, made Sal si Puedes our main stopover on a 10-day diving and boating excursion into the fabulous Gulf of California. The divers making the trip were Art Koeller, Wayne Lawson, Harry Ladas, Larry Scott and myself.

Our route more or less followed the trip featured in the January 1960 SDM, but with emphasis on different spots. Two 18 foot outboard boats were trailered 750 miles to Kino Bay on the Mexican mainland where we launched the somewhat overloaded boats at Caverna Ill Seri on the northern end of the bay.

The first jump to Tiburon Island was uneventful. At our first camp in Duck Bay we found thousands of dried shark vertebrae, jaws and teeth in deserted shark fishermen camps (incidentally the translation of Tiburon is "shark"). Tiburon is a large desert island and the part time home of the primitive Seri Indians.

Also on Tiburon we found the remains of two large whales, a fascinating find for collectors. We hesitated to leave such treasures behind, but as someone said "who would want them but loco Americanos."

Our next stop was the island of San Esteban, 20 miles farther north into the Gulf. From there we went to San Lorenzo, another 20 miles north, and finally Sal si Puedes, the only all around anchorage for small boats in the entire midriff. No matter what di-

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Sal si Puedes

rection the winds blow, whether hurricane, northern or the "chubasco," there is a haven in the six or seven deep sheltered coves on the south and west sides of the island.

A deserted desert, the island's structure is volcanic and sandstone. Several small peaks dot the small island, two miles long and a quarter mile wide. Upon approaching anchorage we noticed another whale carcass with bleached vertebrae that we had so reluctantly left on Tiburon.

The clear blue water was void of vegetation, but abounded with fish, lobster, shell fish, etc. Our first dive sent us scurrying back to shore to pick up our "elephant guns." In a few minutes one of the fellas had tagged a 200-300 pound grouper in 15 feet of water. Others brought in langosta (Mexican lobster), cabrilla, smaller members of the grouper family, and to finish the menu, bay scallops.

We explored the island from one end to the other collecting seal scapula for ash trays, driftwood, shells and lobster and beautiful scarlet and blue crabs for mounting.

We found the nights cold and misty and the water very chilly. Would suggest divers take the same diving gear as used along the Southern California coasts in February and March. We decided the best diving would probably be a month or two later when the water had warmed, although the days were very hot even then.

The remainder of our days on Sal si Puedes more or less duplicated the first. We then pushed on to the Bay of Los Angeles on the Baja side 40 miles farther north against a heavy chop and swell—a slow, wet and uneventful trip. We stopped there for gas where Antero Diaz has a small settlement with a landing strip, turtle pens, restaurant and rooms. Although the prices are higher, they are not unreasonable and Antero speaks English. While at the Bay of Los Angeles we met and chatted with the author of "Mexico's Diamond in the Rough," O. W. Timberman. He was preparing to travel south for another interesting exploration of Baja.

On the return trip to Kino Bay we deliberately drifted into a column of huge feeding finback whales for photography purposes. We drifted too far and the 60 foot plus giants were surfacing 20-30 feet from our outboards. This was great for photography, but rough on the nervous system.

The rest of the trip was anticlimatic and the long haul back rather tedious, but we are counting the months until we can return. On our next trip we hope to visit the Seri Indian camps and delve into the stories of two old sailing ships that rest in the shallow waters of the area—a cinch for skin divers.

Boats that were anchored at medium tide the night before are found high and dry the following morning. Twenty foot tides are common in the midriff area of the Sea of Cortez.



A new beachhead and a new island for the diving boaters . . . the first glance shows that the natives are friendly, there are no natives.



Below—Another tide comes in to float the boats as the divers clean their evening meal of fish and scallops.



How to Start a Club —by Walt Feinberg

STARTING a diving club is easy—*First*—get some divers. You already have yourself and your buddy—that's two. Then you usually know another couple of divers and you're on your way. To be accepted as a club you should have five members, but that isn't very hard to do. Any store selling gear will give you the names and addresses of fellows who've bought equipment in your area. Contact them and you've got it made.

Second—choose a name—that'll be a wild session because all names will sound strange. Don't worry—you'll get used to it. Keep it simple—long involved ones trip up the tongue and will be hard to read on your shoulder patch. The February 1960 "Skin Diver Magazine" gives a list of hundreds of club names. If you are hard up to invent one—this will give you some ideas.

Third—Pick a place to meet. The best deal is to become affiliated with a local swimming pool. YMCA's are excellent—they understand clubs. They are looking for additional activities, and they can be enormously helpful to a starting club. Schools, hotels, motels, and even private pools are all good. Try to get the use of a pool somewhere. This is important. It will enable you to sharpen up your diving ability. The boys always will have new ideas on equipment and methods and a pool is the best place to try them. Later you can start teaching—then you've got a real club. That's the test—a group that teaches others—you're more than a group of divers—you're an asset to a community, looked up to as a source of knowledge and instruction and all sorts of ideas and propositions will come your way. You'll be asked for your services in recovering lost objects, speaking at meetings, aiding Police, training for Civil Defense emergencies.

Post notices of your available services at places that sometimes need them. Someone at a Yacht Club or Marina is always dropping something overboard, or winding rope around propellers. When they need you it'll usually be in a hurry. Use your own judgment on charges. The first couple of jobs should be on the house—that really pays off if the local newspaper runs a story on you, with pictures, of course.

Fourth—Dues—don't get nervous—this one's easy. Set your sights low and don't get wound up in money troubles and the endless arguments that follow. The Boston Sea Rovers are an old, solid

established club and our dues are \$3.00 per year. They used to be \$2.00 but we raised them. Any old reader of "Skin Diver Magazine" knows the terrific activities of the club—that's proof that you don't need big dues. What do you need money for anyway? Assuming you have a YMCA, school, or free club room for meetings. Beware of club-owned property—a compressor or boat is wonderful if you have someone to take care of them. If there's a good source of air in the neighborhood (consult your Fire Dept.—they use air) that's a better bet for the time being than buying a compressor. It may be that you'll be forced into getting a compressor to supply members with their air—but be careful. Any club property can be a source of argument. It might be better if one of your members bought a compressor and you bought your air from him. If any problems developed it wouldn't be a club matter. A boat can be handled in the same way. Club boats are fine but private ones are even better. Everyone in the club should have his own lung. *Don't have club lungs.* You can swap, borrow and lend among yourselves all you want and there's never a harsh word—but let someone take the club lung for his brother-in-law the same day the club vice-president wanted it and you've got the makings of a problem.

A clubhouse is fine but it costs money and will need care—are you ready to undertake the responsibility? Since you're still reading this, you must be really interested in starting a club—and if you're *that* interested you'll probably end up as *President*. Therefore, the responsibility will be on *YOU*. The trick is not to have too many ropes around your neck.

Let's see now—how far are we?? I assume you've got your group of four or five, a name has been chosen, you're meeting in someone's cellar game room with your eye on the local Y which is making up their mind on taking you in as a new activity. You're probably President or Vice-President and you have absolutely no experience in running a club. Well that's just fine—you're going to learn a lot and how well you learn is the measurement of how well your club is going to grow. There's one small trick that will solve most of your problems. Listen closely—because without this one you'll be master of a Debating Society instead of a Diving Club. This rule is as easy as dropping a weight belt. *If anyone brings up an idea he's automatically*

Chairman of it. That's called Feinberg's Law on Club Management. Suppose someone says "Let's run a raffle." The answer is "Fine, you're in charge." If someone says "We ought to have a club dive," you say, "Good idea, you know the club rule—you're the chairman, tell us where and when to meet and if you run a good dive we'll compliment you."

The results are phenomenal—*No-One* and I repeat, *No-One* opens his mouth unless he's ready to follow through. All the loose talk stops. You get another dividend—in every club there are one or two boys who sit in the corner and complains that no-one listens to them. With this rule they have their chance—either be ready to carry out their ideas or keep quiet and stop complaining. This works wonders. Your club meetings become orderly and quiet. No one dares open his mouth with loose talk because he knows his idea will come right back to him to carry out. Peace—it's wonderful. The only ideas set forth are well thought out in advance which separates the men from the boys.

Fifth—Activities—Go diving. Put an active bunch of fellows together and you'll have plenty of ideas. You've tacked up notices of your existence in all pools and waterside places so you'll scoop up interested people. Go diving. Newspapers will want to know about you. There must be a State council and through it the Underwater Society of America.

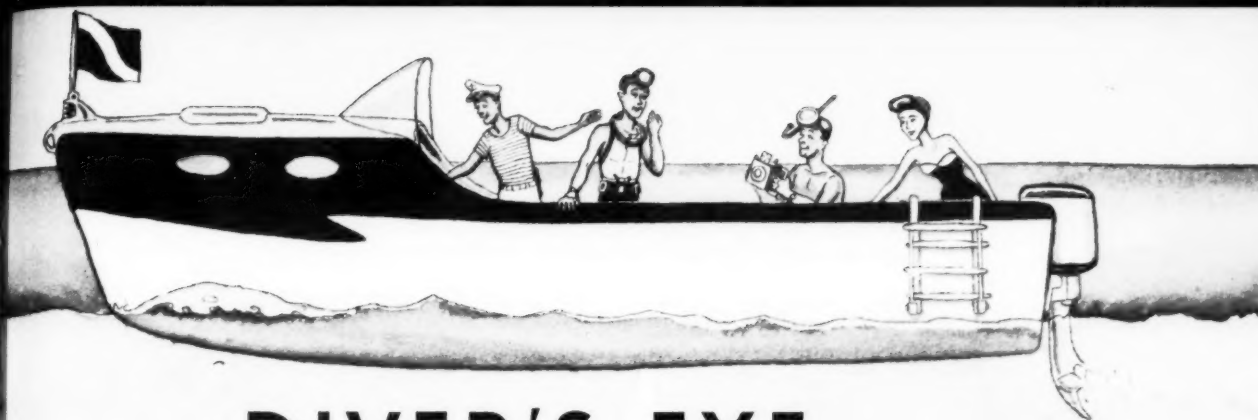
Besides the regular offices of President, Vice-President, Secretary, and Treasurer, elect your most conscientious diver as Divemaster. His job is to be in charge of all club dives. If he sees a weight belt that hasn't a quick release—he tells the owner. If the owner disagrees the belt is brought up at the next meeting and put on the table along with everyone else's weight belt. The owner will demonstrate how it works and how fast he can drop it. Remember a quick release is just what it says—*One Hand with one motion*. The boys then voice their opinion whether they will allow a member to use that belt and still stay in the club. The boys will usually settle things correctly and with no hard feelings of pulling rank. The same would apply to homemade lungs or rebreathers. You've probably saved some lives without realizing it.

Remember, this is a brand new sport: whatever you do will probably be a first, so make sure you're doing it right. ✎

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DIVER'S EYE

the electronic depth finder

HAVE you ever circled or criss-crossed an area in your boat looking for that reef or rock pile that had good fish and lobsters on it the last time you were out—but on this trip, because of poor visibility, you couldn't find it? Or perhaps the fog had socked you in and prevented you from taking a bearing on familiar land marks. If you have, you will be interested in a development of our electronic industry—the depth finder—or the "Diver's Eye." It can be invaluable and show diving places you never dreamed were there.

The depth finder comes in two types, indicating or recording. The indicator functions by bouncing a series of sound waves between the boat and the bottom. This instrument measures the elapsed time between the indicator and the bottom. The unit has a rotary arm that puts a red light on the depth indicated on the transparent dial, either in feet or fathoms. On a recorder, these echos are calibrated on a slowly moving roll of graph paper. Of the two, the indicator usually costs less and doesn't need paper. However, there is no record of the ground covered. Both types are accurate. It is merely a preference between the two as you decide just what your particular needs are.

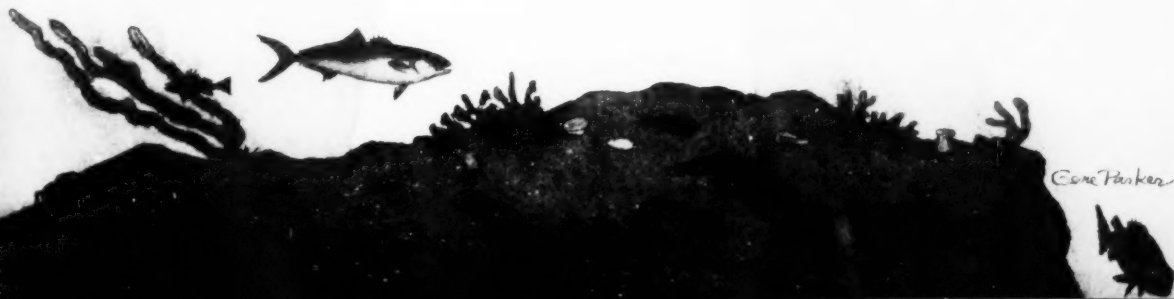
The diver should make sure the indicator light burns bright and that the unit is well protected in a utility type boat. In all but the small boat models (portable) the transducer is permanently mounted on the outside of the hull or in a special bilge mounting. The portables have a hand probe or clip-on transducer that is held below the surface when in use. Many units give both deep and shallow ranges. Others show greater depths the second time the arm swings around the dial. Some indicators offer two types of graph paper that varies according to the speed

desired. Others have reversible rolls to cut the cost. A wide depth beam is usually preferred for fish finding. Anyone who has used an "Eye" for this knows the heart in throat feeling that you get the first time you run over that school of yellowtail or other game fish in the middle of nowhere. These wide beams are preferred because they cover a wide area and insure a straight down beam even when the boat is rocking and the water choppy. Adjustable beams are available to divers who prefer them. Even with small boats in the 12 ft. class, depth finders are terrific for finding holes, logs, and fish hideouts, especially in inland lakes where visibility is poor. They can save you a great deal of useless swimming and wasted air.

On a soft bottom, like mud, the reading will give a wide pattern with no second echo while a hard bottom, like rock piles, reefs, and wrecks, give strong narrow echos and several weaker bounce signals between the boat and the bottom. Always use the shallowest as the true depth. Rock, hard sand, metal, wood, mud, fish and plankton give echos or bounce in that order. With just a little bit of experience, you will be able to tell the difference at a glance. To eliminate most of the bounce, retard the power of the unit.

To find fish, you must use full power because fish with air bladders show up forty (40) percent better than those without. You'll be thrilled the first time you find the reef no one has ever dived on or that undiscovered wreck. The "what's this, Oh boy" feeling of discovery, like the first look through your mask at a place that's never been hit before. It's that "I'm first" idea.

The "Eye" should fit your needs and your area. Explain to the company or the salesman just what you need in detail and you'll be on the way for some exciting diving. ➤



DIVERS' FASHIONS



**CARDIGAN BEACH SHIRT AND
MATCHING BEACH PANTS**

CARDIGAN BEACH SHIRT AND MATCHING BEACH PANTS . . . Waffle weave knit cotton in Brass with white trim. Tapered for trim three button closure; continental curved front. Pants: Narrow leg with rope tie at waist. Lined trunk portion. Brass color. From Parr of Arizona.

CAPRI BIKINI & PESCADORE SHIRT . . . In Italian stripes, red check, polka dots, or solid sea blue. Right: She stole the red and white striped PESCADORE SHIRT from the man in her life. Cotton knit. What connection with skin diving? The bowl is full of fish, natch! From Parr of Arizona.

BE-RUFFLED BRIDGETTES . . . for the trim diver and her divettes. For swimming, sunning, and stunning, of Arnel and Cotton. Wonderful built-in bra for mother . . . adjustable elasticized straps for daughter. Colors: Snow Blue, Parchment, Pink Crystal. From Cole of California.

SKI MASTER . . . CATALINA swim trunks for the active swimmer, water skier and skin diver. Cuban cut with square legs, these nylon fleece trunks have nylon interior construction and an inside coin pocket. In red only. From Catalina, Inc.

THREE LITTLE KITTENS . . . Mother and Daughter match-mates from Cole of California all Leopard this season and pur-r-ier than ever . . . very meow. These pretty pussycats love the water . . . and Mama Leopard will love the care-free qualities of Halcra—light-weight, comfortable and fast-drying, too. Colors: Leopard (Brown and Gold mish-mosh).

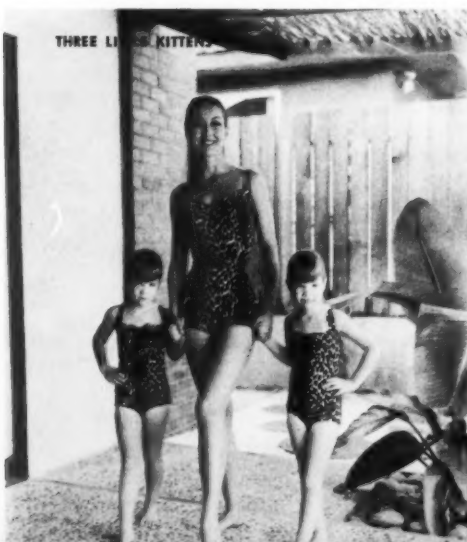
(For complete information where to obtain above fashions write SDM.)



CAPRI BIKINI & PESCADORE SHIRT



BE-RUFFLED BRIDGETTES



Canopy
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Bill is sh
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DIVER'S WAGON

By BILL CRAWFORD

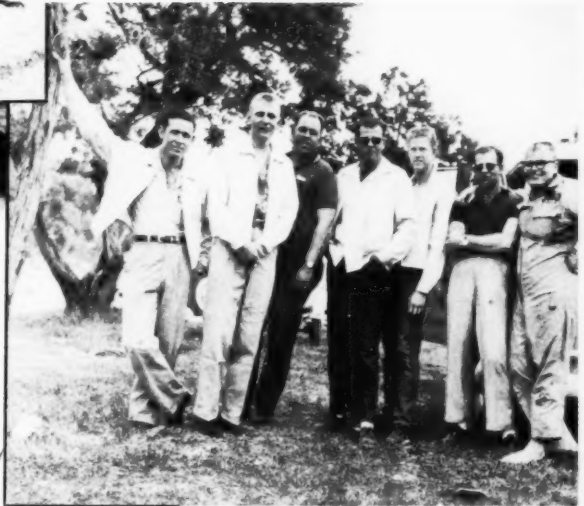


Canopy from the truck extends about 7 feet out. The frame is attached to the truck.

The King Fins have been organized for about two years. Located in La Porte, Texas, which is 18 miles southeast of Houston, Texas. The club has 15 members and has made 10 dives so far since the first of the year. The club is associated with the Police Dept., The Emergency Corp. and the Red Cross in La Porte. The King Fins have assisted in the recovery of three drownings in the last year. Headquarters are at Bill Crawford Studios.

Most of the club dives are at the rigs 11 miles south of Galveston, Texas, jetties at Freeport, Texas, Lake Travis in Austin, Texas, and any other clear water on the Gulf. This page is concerned with Crawford's Compacted VW Compact that has been prepared for all diving situations.

Portable compressor easily fits over the engine . . . also there is ample room for sleeping bags and blankets.



Group of seven King Fins on a trip to Lake Travis; (l-r) Hamil, Seesley, Bartlett, Gaskin, Riley, Jefferson, Crawford.

Bill is showing how we keep our fishing license with us at all times. They are sealed in plastic and taped on each lung. Masks, snorkels, guns, belts and other gear is arranged on the double doors for easy access.



Masks, snorkels, guns, belts and other gear is arranged on the double doors for easy access to the divers. Tanks are fixed on inside walls securely.

Even with all of the gear, the Compact has room for three sleeping divers . . . mosquito netting is hung over the open doors.

UNIFORM LAWS HELP BOATING SAFETY

BOATING, America's number one family sport, is also becoming its safest, according to Thomas B. Kalbfus, director of sales and advertising for Johnson Motors, a producer of outboard motors.

"A lot of credit," Kalbfus said, "goes to boating laws which help to assure safe operation of power boats despite the rapidly increasing traffic."

He told a boating group in Los Angeles that while outboard boating in the United States has skyrocketed from 2,643,000 motors used in 1949 to 5,525,000 in 1958, the fatality rate during the same nine years has dropped to an all-time low.

"And when the 1959 returns are counted, we expect to see an even better safety record."

"Since President Eisenhower signed the Federal Boating Act of 1958—often called the Bonner Bill—31 states have anticipated next April's deadline by passing laws of their own. As America learned with mounting automobile traffic, registration is the key to

more effective enforcement of safety regulations and more efficient accident investigation."

States that do not enact laws registering and numbering all power boats over a specified horsepower by April 1, 1960, will default the administration to the U.S. Coast Guard and be charged a fee. The Federal Boating Act sets the power minimum at 10 horsepower. States have the option of lowering the minimum; even eliminating it to cover all types of pleasure craft, including sailboats and rowboats.

Of the 31 states updating their laws, 24 set up systems aimed at conforming with the federal numbering law.

New York is registering all power boats, for three year periods, on this rate scale: craft under 16 feet, \$3; 16 to 26 feet, \$6; and \$10 for more than 26 feet. Illinois and Indiana charge all motorboats a \$3 fee for three years. Michigan makes it \$2 for three years. Wisconsin includes sailboats and all

motorboats, charging \$3 for three years.

But Iowa laws are different. Boats not operated for hire and capable of a speed of eight miles an hour or more must be registered with the Conservation Commission. No fee is required.

Pennsylvania requires motorboat owners who operate in inland waters to register with the Fish Commission. Fees run \$1 for each cylinder of the built-in or attached, and \$2 for electrically propelled boats.

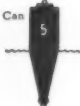
New Hampshire boatmen are charged by horsepower. Privately operated outboard motors used on non-tidal waters must be registered each year with the state Public Utilities Commission. Fees range up to and including 5 horsepower, \$3; 5-1/0 to 13-9/10 h.p., \$4; 14 h.p. and up, \$5.

Idaho requires a license for all motorboats each year. The fee is based on a mathematical formula involving the length of the boat in feet multiplied times the horsepower of the motor, times one per cent; in no case less than \$2.50.

BUOY GUIDE

Unlighted Spar, Nun and Can Buoys

PORT SIDE
Entering from seaward
Color: BLACK
Numbers: ODD



JUNCTIONS or OBSTRUCTIONS
Red and Black Bands No Numbers
Preferred channel to STARBOARD (Topmost band BLACK)
Preferred channel to PORT (Topmost band RED)



MID-CHANNEL or FAIRWAY
Black and White Stripes
No Numbers

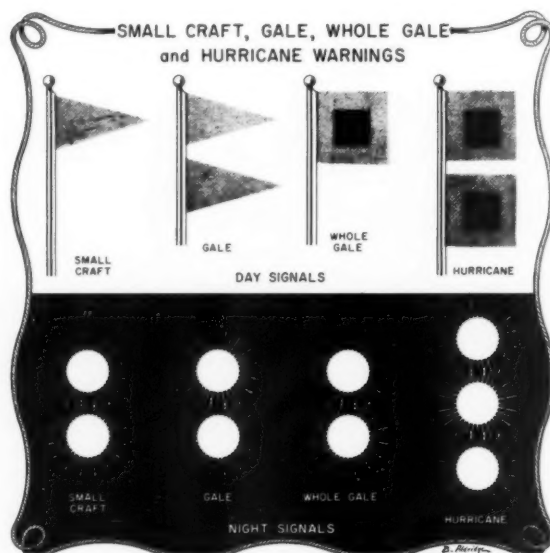


TYPICAL LIGHTED BUOYS



■ Indicates red

STARBOARD SIDE
Entering from seaward
Color: RED
Numbers: EVEN



Information and art compiled by the Editors of "Popular Boating" for the Rolex Watch Company's "Yachtman's Handbook."

California laws governing registration and numbering conform with federal laws which require that boats over 10 h.p. be registered. Original application fee is \$5.00 and the number is valid for three years. Renewal costs \$3. Application for Certificate of Number is made at the Dept. of Motor Vehicles. Special exemptions are made for undocumented vessels propelled solely by oars, paddles, or electric motors of 10 h.p. or less, and undocumented vessels 8 ft. or less propelled solely by sail.

"Actually," Kalbfus asserted, "the Federal Act puts Congress on record as favoring regulations that are uniform throughout our nation. It's up to the states. Those passing acceptable laws of their own will have the sole right to assign numbers to motorboats within their boundaries and to collect 'reasonable' fees from boatmen.

"And the federal government and the Coast Guard could step completely out of the numbering picture in those states and concentrate on marine law enforcement. You simply would register and secure a number in that state where you use your boat the most, and your state number would be good for all waters."

Safety equipment regulations of states can be more stringent (or less) than the federal minimums—but must never conflict.

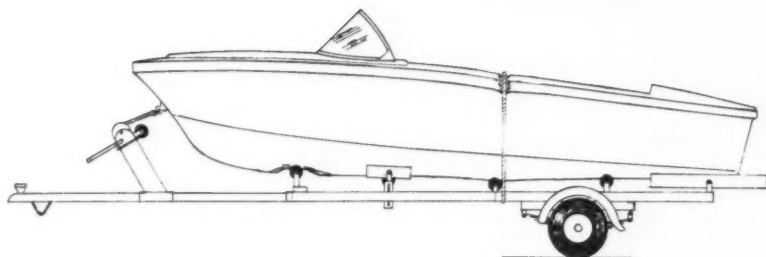
In brief, federal laws require: Lights for all motorboats; all, except outboards of open construction and shorter than 26 feet, must have such number and type of fire extinguishers as Coast Guard may prescribe; at least one approved life preserver or ring buoy for each person aboard (vests and/or buoyant cushions permitted for craft under 40 feet); an efficient whistle or other sound device if boat is 16 feet or longer; motorboats other than outboards to be equipped with carburetor flame arrestors; and ventilators on inboard motorboats capable of removing gases from the bilges in the engine and fuel tank compartments, unless the greater portions of such bilges are open and exposed to the natural atmosphere at all times.

"As states throughout the continent are reviewing their boating laws," Kalbfus said, "statistics show that the fatality rate from 1949 to 1958 was cut in half."

A study showed that in 1949, there were .47 fatalities per thousand outboard motors in use. This percentage by 1958 was reduced to .23 per thousand motors. The actual number of fatalities has not increased, although the number of outboard motors in use motor than doubled.

HOW TO LOAD AND CARRY SMALL BOATS

Prepared by the builders of
Arkansas Traveler Boats.



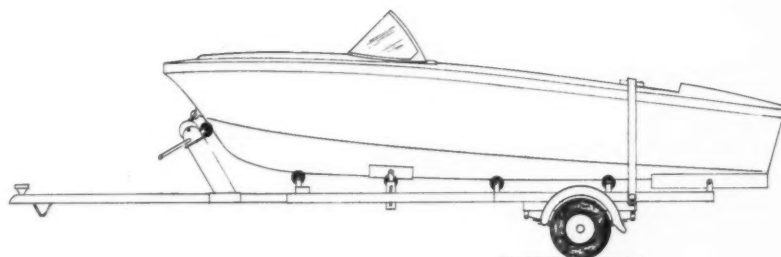
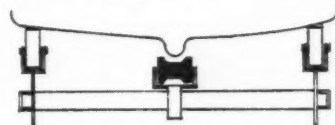
INCORRECT WAY

Keel is not riding on rubber supports. Support blocks are not beveled and covered with soft carpet material.

DON'T bend and scar gunwale with improper tying methods.

DON'T bend and break keel with improper adjustment of rubber support rollers.

DON'T support the entire weight of the boat on the keel.



CORRECT WAY

Bevel support block to fit contour of boat and cover with soft carpet material.

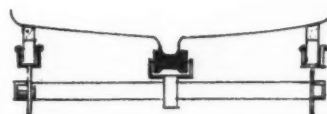
DO tie securely with adequate bracing.

DO bevel support blocks to fit contour of boat and cover with soft carpet material.

DO adjust winch so rubber roller will fit bow of boat.

DO fit boat on trailer so that transom is at end of rear support block.

DO adjust all rollers and support blocks so that each will carry an equal load.



INTERNATIONAL MORSE CODE with PHONETIC SPELLING ALPHABET

A Alfa —	N November —	1 — — — —
B Bravo — • • •	O Oscar — — —	2 — • — —
C Charlie — — • •	P Papa — • — •	3 — • — —
D Delta — • •	Q Quebec — • • —	4 — • — —
E Echo •	R Romeo — • • •	5 — • — —
F Foxtrot — • • •	S Sierra — • • •	6 — • — —
G Golf — — •	T Tango —	7 — • — —
H Hotel — • • •	U Uniform — • •	8 — • — —
I India • •	V Victor — • • •	9 — • — —
J Juliet — — — —	W Whiskey — — •	0 — — — —
K Kilo — • • •	X Xray — • • •	
L Lima — • • •	Y Yankee — • • •	
M Mike — — —	Z Zulu — — • •	



Jacques, a Moniteur, and Françoise

By ROGER BRUCE



Michele, after a dive.

The Med's the Place . . . with the



"CLUB MÉDITERRANÉE"

This summer the best underwater swimming and 'lunging will be experienced by a number of American High School Boys and Collegians. The Club Méditerranée—a French holiday club, has arranged to fly the lucky people to Paris and then by train to Cefalu (Sicily).

The warm, deep, blue, Mediterranean is the swimming pool of thousands and thousands of divers of all races. On top of it all, the Club Méditerranée has the biggest diving school in all Europe, and can train a diver to dive 140 feet in two weeks.

It sounds like heaven—and it is. All day long the most that is worn is swimming trunks—(very brief, none of these long-legged type)—or a sarong. Everyone sleeps in straw huts, and the food, wines and evening entertainments are the tops.

It is a case of "Au Nature."

As a G.M. (Gentil Membre) of four years standing I know what it is like and it is something to dream of. Here is what I wrote to describe the place for another mag.

"Palinuro, Italy: In the sleepy south—below Naples and the Bay of Salerno. A region drenched in Greek History and almost undiscovered by tourists. Palinuro is reached from a small railway station by a bus which winds its way through haughty hills veiled in vineyards, olive groves and cacti. Setting: Hidden in a grove of olive trees, overlooking a noble bay with the imposing Cape Palinuro taking pride of place. A sandy place washed by a gentle sea reaches to the nearby fishing village whose many cafes offer to the visitors their specialties of fish, pizza and wine."

Well? It sounds too good to be true—but it is not exaggerated.

The club's main diving school is at Palinuro, but this year there is one being opened at Cefalu, where the main contingent of Americans will stay. Cefalu is completely new ground for the club, and reports are that the shores are loaded with items of archaeological interest such as amphora, Greek and Roman galleys—and BIG fish.

The club has an age limit of 16 for divers and those under 21 must have written permission from parents. The equipment is top class—Cousteau-Gagnan Lungs, and all the other kits, a huge compressor keeps the bottles filled, and most important of all the instructors are THE best. Last year there was an international examination held in France for all divers or instructors who wished to be rated. Over 50 tried it—approximately 30 passed, and nine out of the first twelve were all Club Méditerranée instructors. They are ex-French naval frogmen, lifeguards, fishermen—but they sure have experience.

The normal daily dive at the village after you have passed your "brevet" is to 140 feet. And about six divers go with an instructor. There's no problem about getting lost, the water visibility is stupendous and the instructors watch everyone very carefully.

Well that's a brief idea of what some lucky young Americans are in for this summer—(I know I didn't mention dames—but there are plenty—mostly French, ages 16-23—Need I say anything more?)

This is a club organized not long after the war by M. Gerard Blitz, a Paris business man. His idea was to form a club, which would build a large selection of Villages on the shores of the Mediterranean to which any class of Frenchman could go and spend a vacation without paying exorbitant prices. The result? At least ten villages on the shores of the Mediterranean, to be found in Corfou, (Greece) Paleokastritza (Greece), Elbe, Palinuro, Rome, Capri (all Italy), Caprera (Sardinia), Cefalu (Sicily) Village Junior in Switzerland (for kids) and also one at Panauia in Tahiti.

Although there are all these Villages there are at present only two Diving Schools (Ecole de plongee et d'exploration sous marine), at Palinuro and at Paleokastritza. Before dealing with the diving at the Villages, let me explain something about the way of life and of the travel and costs.

All the prices are worked out so that the only profit that is made is enough to build another Village on the shores of the Med. The result is that for three weeks holiday in the south of Italy at Palinuro the cost is less than \$100. This includes the journey from Paris to the camp and back to Paris. All food, plus wine at lunch and dinner. Dancing every night—diving every day, except Sundays. And the most 'different' holiday one can have. Accommodation is in Polynesian style bamboo and straw huts, with camp beds, all laid out under an immense grove of Olive trees. There are several stone buildings.—The bar, office, kitchen block, and all toilet facilities. Food is served in an open air clearing, only a few yards from the bar and 'piste' (the dance floor—which is a raised concrete floor).

The social centre of the Village is where one would expect it—at the bar. This bar sells almost anything, all purchases being made with a book of tickets; there are hard and soft drinks, ice cream, sweets, cakes and biscuits. This bar is unlike most—it never seems to close! Oh, there is one thing you'll be asking yourselves, "I wonder if it's at the bar where they make their profits?" Well, I'm darned sure it isn't, because they were only about 25 cents a glass—and no small measures either!

That is the social centre covered, but with whom are you sociable? Well, there are people of all nationalities, all ages, and all sexes, and all classes.

Everyone hears a lot about French girls—nearly everything is true, but remember, they are not all like Martine Carole and

Brigitte Bardot! Let's say they are all very sociable, whether you can speak French or not (by the way French is the language of the Village).

I think that about covers all aspects of the camp that one needs to know at the moment. Now the diving.

Here is an extract from my diving log. Date 24th July.

Locality: Cape Palinuro.

Diving: Swam about 450 yards on the surface with snort tubes, against the wind, then dived to 40 meters (140 feet) and saw some excellent Blue Gorgonia (type of seaweed). Found quite a nice piece of coral, but bottle exhausted fairly soon. Surfaced, decompressing as usual. Bottles were put in accompanying rowboat and then swam back at a fast crawl using fins, tube, and mask.

Temperature: 70F+.

Number in party: Six, including chief diving instructor and self.

That is the report of a normal diving expedition, but of course a lot more happened than just that. Think of what you write in a diving log and what did happen.

The logic of the chief diving instructor and the other three instructors is that everyone that comes to dive is a beginner unless they already hold a diving proficiency certificate. And very wise, too, after having seen a man 'who knew everything there was to know' nearly drown.

Subsequently, there is a fairly comprehensive training schedule which for experts, can be done in a day, but for the novice, ten days concentrated effort will suffice.

Let's follow a mythical diver-to-be called Jim, through the job of becoming a diver 'a-la-Club-Mediterranee.' Jim arrived at the Village on the Sunday morning and found his way around the place. On Monday morning he was up by seven a.m. to have his breakfast and to be at the doctor by eight o'clock. At the doctor, no matter how many certificates Jim held verifying his physical fitness, Jim went through a series of simple tests which ensured the doctor that he was strong in heart, lungs, ears and pulse. Till lunch, if Jim had missed the diving boat, he would have had the morning to himself. Anyway Jim made the boat before it left and while it was on its way to the diving spot he had a chance to look it over.

An Italian fishing barque, about 70 feet long with an antiquated inboard engine, was the means of travel. There was space on deck for about 70 people and wooden racks held the 40 odd Cousteau-Gagnan lungs. There were two diving ladders—one on either side of the boat, and the little rowboat was towed astern.

Jim had lunch when he returned and had two hours siesta before meeting the Chief Diving Instructor, Marcel Contal, at the bar along with the others. Marcel Contal then gave a lecture on diving with the club, explaining all the diving terms and also how the lung worked. The lecture was all in French but the British host, who spoke perfect French, acted as the interpreter. The following afternoon, at 4 p.m., Jim tried and passed the swimming proficiency tests. This was merely to see if Jim could swim and use a mask, fins and tube. Having been briefed by a friend beforehand, he rushed across and did his first lung test with the instructors. These lung tests were quite simple—first Jim had to find how much lead he needed—and then there was quite a leisurely swim with five others and the Diving Moniteur to familiarize himself with the waters and equipment. That was his 'lot' for the first



The dress at Palinuro on Gale Day. (Photo Club Mediterranee)

day. Second afternoon—very similar—but the team dived to 30 feet and sat themselves on the sandy bottom, clung with their feet to the rocks on the bottom.

Some easy tests were done—mask off, replace; mouthpiece off, replace; tank etc. off, replace; and others equally as easy, Jim passed these tests and was told to turn up at the boat in the morning—if he wanted to. Jim was up at 7 a.m. the next morning, finished his Continental breakfast of bread jam and coffee by 7:30 and with the other divers went to the bottle store (lung bottles, you boozers) and lugged a forty pound one some 500 yards to the boat.

All aboard, and about five minutes out from the quai, the Chief Moniteur calls for names and there is a dirty dash to make sure yours is there—+ Nationality—being a Scot helps—they never forget that!!! Meanwhile it is up to all the divers to fit up the equipment,—fix demand valves on bottles—make up personal weight belts (which are all supplied) and when the boat is anchored—with a frayed piece of rope—the first team is called out.

The Moniteur says where you're going, for how long, and what to do. Any questions? I know it sounds regimented, but it has to be for such a squad of about fifty.

Jim, however, has a question. "What do I do if I run out of air?"—"Pull reserve lever, give crossed arm signal to Moniteur, and prepare to surface."

Diving is progressive, the beginners' first dive being to 10 metres—then 20—30—40 metres. After the 40 metre dive, the limit as far as the Club Mediterranee is concerned—Jim was expected to, and did, stand his Moniteur a drink. Once you reach the forty mark Jim was entitled to his "Brevet de plongeur en scaphandre autonome," which means that every year he returns he can go straight on to the boat.

So much for Jim's story.

Now for some more facts about the actual diving—conditions—flora—fauna. Very warm water—to a Scotsman—70F+ excellent visibility—hardly ever any swell or waves—the only time is when the mistral blows (mistral = strong wind, starts very

(Continued on Page 61)



The diving boat, the Partenope, at the Blue Grotto, Palinuro.



Scientific seminar was held under canvas and covered topics ranging from water safety to menace of sharks. Panelists (l-r) are Lt. Cdr. Charles Aquadro, Capt. Jacques-Yves Cousteau, Dr. Eugenie Clark, Edwin Link, Capt. Bill Gray and Dr. F. G. Walton Smith.

Story and Photographs by

JERRY GREENBERG

CAPT. COUSTEAU'S MIAMI VISIT

SOME of the world's leading marine experts, headed by Capt. Jacques-Yves Cousteau, world-famous underwater explorer, gathered in Miami February 16 and 17 to exchange the latest information and developments in diving safety, sharks, underwater photography and submarine archaeology.

Capt. Cousteau, paying his first visit to Miami, kicked off the two-day session with a lecture and a showing of his most recent underwater films in the Dade County Auditorium. Hundreds of South Florida skin divers, many of them in club blocks, gave the co-inventor of the "Aqua-Lung" and the producer of "The Silent World" a standing ovation.

Possibly the most exciting film of the evening was one which showed the test runs of the recently constructed "Sea Saucer," a three and a half ton chamber designed primarily for observation underwater. It's approximately 12 feet in diameter, powered by hydro-jets and can reach a maximum speed of three knots. The chamber can accommodate two men and has a 24-hour supply of air. Capt. Cousteau stated that just a few days prior to his Miami visit he had lunch in the "Sea Saucer" at a depth of 1,000 feet off the coast of the island of Martinique in the Caribbean.

The next day's session moved to Rickenbacker Causeway where a scientific seminar was held under a big circus tent within the shadows of Miami Seaquarium. This was the more serious side of Capt. Cousteau's visit as top marine specialists and scientists participated in a seminar attended by more than 200 persons.

Although the subjects ranged from helium-oxygen diving to prevention of nitrogen narcosis, it was the lively discussion of sharks that dominated the seminar. Capt. Cousteau, who has been diving for the past 25 years, offered this advice to skin divers when encountering a shark: swim straight toward the beast.

"I actually saw small fish using this technique of saving themselves from sharks," he said. "I'm positive it works for all divers as well—at least for a while."

Dr. Eugenie Clark, director of the Cape Haze (Fla.) Marine Laboratory and the only woman on the panel, said her experiences with sharks were "quite uneventful." "Pos-

sibly," quipped the nationally recognized authority on sharks, "sharks are only man-eaters."

New light on what attracts a shark was shed by Dr. F. G. Walton Smith, director of the University of Miami Marine Laboratory. He cited experiments conducted by the university laboratory which demonstrate that sharks are attracted from long distances by the low-frequency sound waves given off by fish struggling on a spear. He added that apparently sound waves lure the shark quicker than the sight or smell of blood.

Despite the fact that panelists differed in their attitude toward the shark, they all agreed that sharks at best are unpredictable and should be treated with respect and caution.

Other members of the panel were Capt. Bill Gray, fish-collecting veteran of the Seaquarium; Edwin Link, undersea archaeologist; Lt. Cdr. Charles Aquadro, diving medicine specialist from Key West; and Dr. Warren Wisby, of the University of Miami Marine Laboratory.

James Dugan, author of "Man Under The Sea" and other books, was the moderator of the panel discussions. He termed the seminar as the first forum of its kind in this country.

In a private interview following the seminar Capt. Cousteau had good news for skin divers. "Diving equipment will see much improvement," he said, "and you'll have easier breathing, better protection against cold, more practical auxiliary equipment. But the improvements will be made knowing that the body cannot stay underwater too long—or it gets the bends."

He also had something to say about fishing in the future. "Some day—I should say 50 to 100 years from now—international law will forbid commercial fishing as we know it. For a simple reason. Man will be sowing and reaping harvests of fish from the sea on a planned scale and program."

Capt. Cousteau's lecture and the scientific seminar in Miami were sponsored by the Zoological Society of Florida. Proceeds from the lecture will be used to establish a Jacques-Yves Cousteau student exchange fund which will defray the expenses of an exchange student of oceanography from Florida with a student of oceanography from France.

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Veteran fish collector for the Miami Seaquarium, Capt. Bill Gray (right), gives his views about sharks during seminar.

Capt. Cousteau (left), world-famous underwater explorer, author and film producer, pauses during panel discussion.



Dr. Eugenie Clark, director of the Cape Haze Marine Laboratory, listens to questions from the audience. On her left is Edwin Link, underwater archaeologist.



Capt. William E. Young, author of "Shark!," a definitive work on the shark, poses a question to the panel from audience.



Representing the Navy, Lt. Cdr. Charles Aquadro, diving medicine specialist from the Key West base, participates in the panel discussion on underwater safety.



Robert P. L. Straughan, underwater author, addresses a question to the panel from the audience during the shark discussion.

The theory that sound waves lure the shark quicker than the sight or smell of blood was advanced by Dr. F. G. Walton Smith (right), director of the University of Miami Marine Laboratory.



TO THE KEYS

ON A RAFT



EVERY SKIN DIVER sooner or later dreams about tropical islands, soft breezes, clear warm water and vast coral reefs waiting to be explored. He probably also dreams about days with nothing to do but dive, bask in the sun, or search for sunken galleons. I have had that dream too, only mine came true.

It started with Joe Greasamar and I talking over how best to spend a week's vacation by skin diving. We are fortunate enough to live on the southeast coast of Florida where we can dive on local small reefs practically the year around; however, as they say—"The grass is always greener—." Our final plans were to explore the upper Keys by raft.

We chose the upper Keys north of Key Largo because skin divers with spears are kept out of the middle section by law, and we felt the lower Keys were a little too far. The section we chose runs from Soldiers' Key on the north to Caesars' Creek at the lower end of Elliot Key on the south. It would take us years to see all the reefs in this ten mile stretch and we only had nine days.

The raft we were going to use had been built by Joe some time ago as a diving platform. It was constructed like an airplane wing, i.e., sectional with a round bottom and a slightly convex top. It measured nine by twelve feet and was about one foot thick in the middle. We readied it for the trip by adding a coat of fiber glass, installing a large transom across the back and making a tubular framework over the

whole raft to support a canvas top. A three foot square box with a cover was installed just in front of the transom to hold supplies and act as a housing for the compass. This box also doubled as table and a spot to put the Coleman stove. Fully loaded, the raft drew about nine inches of water and had six inches of freeboard, however, even in rough water it was remarkably seaworthy.

We took two other men in on the venture for companionship, safety in numbers, and to spread out the cost. Lake Whitman and Bill Hutchins were enthusiastic from the start and proved to be all one could ask for as diving

By JIM WARNKE

partners. Putting four men together on a small raft for a week is asking for a clash of personalities, but somehow we came through without any undue friction.

We cut down on many items, and limited ourselves to essentials, but the mound of supplies was amazingly huge for the raft. Our only solution was to make a temporary raft and tow it behind us like a barge. We planned to make this from criss-crossed two-by-fours over six large truck inner tubes. This rig could be easily disassembled when we arrived at a base camp.

Piling everything into Joe's stake truck, we left Boynton Beach at dawn

on a warm Saturday last June. After arriving at Homestead Bay Front Park about 8:00 a.m., it was necessary to get special permission to park the truck there for a week. People were beginning to indicate they thought we were crazy.

The construction of the tow raft went smoothly and we loaded our supplies. It was quite a load. Fifteen gallons of fresh water in five-gallon jugs, thirty-five gallons of gas in an old truck gas tank, three 3½ H.P. motors across the transom, stove, camping equipment, tarps, diving gear, three cases of canned juices and vegetables, personal effects, and a large collection of small items.

We left the dock with all three motors running and the tow-raft dragging along behind riding high on its huge tubes. Our destination was Elliot Key—a hazv line on the horizon eight miles across lower Biscayne Bay. Two miles out of the park a motor quit and no amount of coaxing could get it going again. Continuing on two engines at about five knots, we did another two miles before the second engine broke its shift gear and we were reduced to crawling. Our plight was heightened by the fact that two of our carefully tested inner tubes were leaking on the tow-raft and its list increased the drag. We had reached and passed the point of no return and it was getting on into the afternoon. It looked like a long night.

Boatmen in general are pretty helpful people when someone is in trouble, and the man and his family that came

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along in a 16' cruiser with a 35 H.P. kicker was no exception. Gratefully accepting his offer of a tow, we made it to Elliot Key by dark. Searching along the mangrove-lined shore, we finally found a sand beach to spend the night. Pulling everything up out of the water, a late supper was cooked and we piled into the sack, tired but wiser.

That first night changed our plans completely. We knew mosquitos might be a problem, but we never dreamed that they would descend in such tremendous clouds. We actually had to wave our hands in front of our faces to keep from breathing in mosquitos. Repellent? We had three different kinds which slowed them down a little, but we used half our supply in one night. Our plans to camp on Elliot Key were quickly changed! From then on we stayed on the water as much as possible, and only made occasional trips to shore to get supplies from a cache. Our radio would give warning of stormy weather, so that we could anchor on the side of the island that gave the best shelter. The water a hundred yards from shore

was only about two feet deep at low tide, and this enabled us to walk around the raft for repair jobs, etc. After the light was turned out at night, each footprint in the sand would glow like a light bulb from the phosphorescence. We kept a tarp down on the anchored end of the raft so that if a wind came up the raft would swing and put the canvas between us and the weather.

The reefs and coral heads extend out from the Keys for about three or four miles, and the water averages from ten to twenty-five feet deep. This shallow water prevents the waves from building up, and we had little trouble with the surf. These depths also mean a grave danger to ships, and the many wrecks marked on the charts bear this out.

After our first hectic night, the days were one long session of rafting from reef to reef. We would lay on the raft with our heads over the side and, using a mask and snorkel, watch the bottom for interesting spots. An unusual formation or a large fish would cause us to ease down the anchor and roll over the side. Fish of every type and size abound in these waters. We always had hundreds around us in the warm water of fifty to sixty foot visibility. Our standard equipment consisted of mask, snorkel, fins, gloves, knife, five pounds of lead and a speargun or sling. One set of scuba gear was aboard, but because we had no way of replenishing the air supply it was used sparingly. Ninety-nine per cent of our diving was snorkeling.

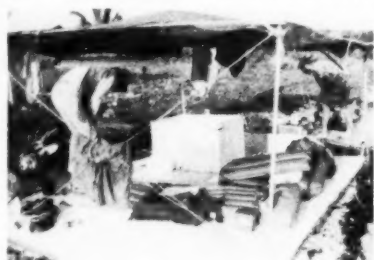
Stingrays were common and once or twice a large manta ray gave us a thrill. What do you want for supper? Grouper, snapper, or maybe a hog fish? Down we would go and seek out and spear one the right size. It wasn't always easy, of course, but we never went hungry. We couldn't take any more fish than enough for one meal, as we had no means of keeping the meat fresh. Angelfish, we found, are good eating, although hard to fillet.

The coral reefs rise up from a twenty foot sand bottom to within a few feet of the surface and are perhaps a hundred feet in diameter. Hundreds of small reef fish swarm all over and through these formations, but the larger fish hide in holes and grottos near the bottom. The first fish I speared on the first day was a five pound red snapper, but my feeling of elation was quickly shattered as a five foot barracuda made a pass at my struggling fish. Joe was floating right over the 'cuda as it circled for a second try. Joe wasn't about to shoot the big fish with a small Hawaiian sling, so he attempted to hit it on top of the head with his spear. It was gone in a flash. As time went on, we learned that barracuda of various sizes almost always showed up following the spearing of a fish, and also left in a hurry when we made a menacing move toward them. It made your hair rise a little to find a big one right next to you, but every one we encountered was a bully. I would be foolish to say that a large barracuda will never bother a skin diver, but the fact remains that not one bothered us. We saw everything else, but never a large shark, which is rather surprising in those waters.

The real dangers we found were large purple sea urchins with six to eight inch spines, plenty of moray eels, and the sharp coral itself. We were very lucky to only suffer a few cuts and scratches, but even these took a long time to heal as they were soaked in salt water almost all day. Jellyfish and man-o-war were not to be seen at that time of the year. June is a closed month for the Florida spiny lobster; we could understand why. They abounded on the reefs and huge females could be seen with their tails curled around a ball of eggs the size of a fist.

The days lazed away too fast for us. There was so much to see! For instance, idling the motor along and hanging over the side watching for signs of a Spanish galleon. The ships are surely there and we must have passed over one or two, but how to identify it as a wreck? Profuse growths of coral, sea fans, gorgonians and sea weed cover everything in a short time. The mound made by an old ship looks no different than a natural reef, and the only thing that would make it stand out, would be forms of cannon or an unusual feature of some sort. Our charts and maps indicated cannon could be seen at the east end of Caesars' Creek in nine feet of water, but we searched in vain. Proof of the pirate days is in the two large encrusted cannons flanking a house on the island, and in a large ring attached to a rock near

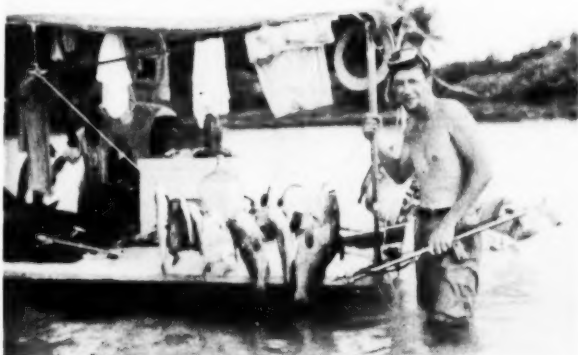
(Continued on Page 64)



Getting organized for first night.



Joe with grouper.



Author and last day's catch.

DRIFTWOOD

Please address all notes, letters and stuff to:

"DRIFTWOOD"
Skin Diver Magazine
Lynwood, California

Hello, you lovable neurotics.

Frequently, I am asked what length letters, submitted to this raunchy page, should be, and since this question is most often asked by people who complain that their letters never seem to see print, I shall offer some jolly advice on the subject. First, type your letter if at all possible. Secondly, keep it to one, fat paragraph if you want to insure my delight and approval. I suggest you count the words in the letter, below, which was written by R. C. Conklin, a fearless churl who obviously was a Driftwood-Letterman from birth, should you desire anything resembling a precise idea of exactly how long your notes and letters should be. What you put in your letter is strictly your business, but if you can manage to include a photo of a shapely doll, along with whatever dull blah you're perpetrating upon us—your name will go on the Lecherous Driftwooders Honor Roll, if I ever get around to compiling such a distinctive document. As it stands, presently, I've only the names of Bob "Mash-Master" Pendergast, John Gaffney, Loverboy Rickman, Wild Bill Hogan and a couple of others known only to the more naive dolls native to Southern California beaches. Okay, I'm sorry I mentioned the whole thing in the first place. You cluck your tongue over the rampant lewdness of this jetty while the rest of us gape at the mail . . .

I'm afraid I have rather depressing news. WET TOURS, INC. has come to a dismal end. Our expert Wet Hunter, Errol Fink, whom we imported from the Beverly Hills maumau territory, has suffered a disability. Errol misjudged the depth while spearing and tipped over his glass. In a heroic attempt to save the olive, he fell off the barstool, severely bruising his thrusting arm. As men of his ilk are hard come-by we have decided to disband rather than offer a second rate service. However, we *did* have one rather exciting field trip. By arrangement with the owner of an aquarium store, we led a Goody Group on an Evening Guppy Grab. Came out with many trophies and a singular mishap: One chap's face mask fogged up a bit and he plunged his hand in the Electric Eel tank by mistake. No permanent damage though—other than he now gets Lawrence Welk without a TV set. With the demise of WTI, our next planned venture will be in the field of form-fitting wet suits. We are procuring a dip-tank, seven-feet deep and two-feet in diameter, however, we will wait for the future to offer further details.

R. C. CONKLIN
Venice, California

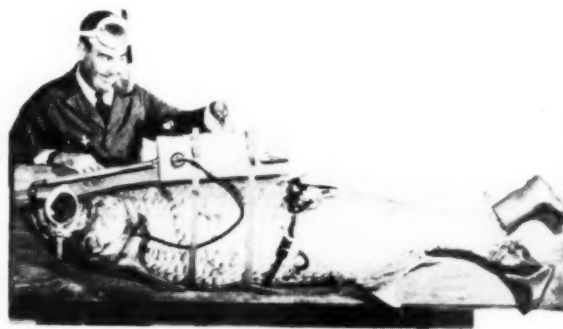
Yeh, and we're waiting right along with you. This line I'm forming to the right is strictly for those who have the good sense to help me form The Conklin Fan and Stamp Out Logic Club.

I thank you for not forcing us to look at your whole face (?), at one time, in the March SDM. You're a man (?) after my own heart. That is, sharing my liking for diving, dolls and coffee. I am against spearfishing and have been ever since I shot a harmless little fish (it's been on my conscience ever since).

GEORGE LAYTON
Monterey, California

Don't thank me. Thank a sloppy-handed Jim Auxier who, in his anxiety to get down to La Paz, loused up an otherwise enchanting page-layout.

I thought perhaps your readers might be interested in the enclosed photo of an invention that I have been working on for years: A "Self Contained Surface Breathing Unit For Fish." With so many people scuba diving, there soon won't be any room left for fish. It's about time someone gave fish equal rights! My SCSBUFF will do just this! With it, fish may walk on land! Spear people! Shoot above-water pictures! Thrill to the wonderland of



sunshine and clear air, etc. You will kindly notice the "Walk Feet" conveniently attached to the fins. Also included is a pistol for "people shooting" and a pair of hand-cuffs so the fish can take likely people-specimens back under the surface to show their friends! I feel there is a waiting fish-market for this type of unit, and as soon as I get it in mass production I expect to retire to the bottom of Avalon Bay.

DAVE CAMERON
West Hollywood 46, Calif.

See you at the submarine-barricades, Dave.

Carefully studying your picture, I am simply amazed! You have me baffled. I just can't see how you *do* it! How do you get your mask to seal water-tight over all that 'mush-brush'? If the mask doesn't seal, you either don't go into the water or if you do go in—you drown. If you *don't* go into the water, what are you doing in SDM? And if you *do* go into the water, then you drown. If you drown, you're *dead*—and that's all right with me 'cause *that's* the way your column smells.

MILDRED CLARKE
Publicity Committee
McClellan Aqua Knights
North Highlands, Calif.

Oh, go organize another club.

Oh, Mighty Prophet, rumors have filtered through the underground (and the underwater) that a West Coast grouper Group—*The Beach Burps*—have called off a scheduled star mop because of the feared opposition of a well known sub-aqua, lonely hearts columnist. Instead, they now plan a trophy hunt for the following species: (*Here, I am forced to delete the most shocking list of obscene fish names ever listed or risk being asked to turn-in my Boy Scout Tenderfoot badge*). To this beautifully-organized and persevering conclave, we say: Good Luck, *Beach Burps*, whatever you are.

BOB WEASEL
Shale Point, Illinois

If I said it once, I said it a hunnert times: keep them dirty words out of your letters.

Kohler, no matter what other people think of you and your column, the gang around my way think it's great. What do you say to that?

ROBERT N. MCCARTHY
North Westport, Mass.

I say they have questionable taste and more power to them.

I wish to thank you for holding-up for surfers. I am a surfer and a skin diver. Both sports are fun and both are related. That was a fine story about surfing in the April issue, of SDM, and I would like to see more about surfing in your fine magazine. Like many surfers, I take your magazine. I even noticed an ad for a surf board in it. If the skin divers keep up this feeling about surfers, we might lower our opinion of divers. We have nothing against you, divers, so why are you on our backs?

DICK DOMBROW
Los Angeles 56, California

Ah, com'on now . . . ADMIT It . . . you're a bunch of beachbums with no club ideals, no profound rules and regulations, no high-minded notions and (God love all of you) absolutely nothing in common with the conformity-stricken victims of allegedly modern skin diving.

Kohler, I just want to know exactly why are you so strongly against Group Thinking? You've steadfastly offended a lot of hard working, dedicated people who organize clubs. Yet, you apparently feel sincere in your anti-group tirades. I am most interested to hear your explanation—if you have one.

PAULA ANN MATHERS
San Diego, California

The Atomic and Hydrogen Bombs were developed by a lot of dedicated, hard working people. The P.T.A. is kept an ever-present menace to mankind's sanity by a lot of hard working dedicated people. All the better philosophers, poets, artists, prophets, saints, humanitarians and inventors were rabid, militant individualists. It's by preference to laud the highly-abused, highly-suspect and much-maligned individual who balks at having his or her thinking channeled through parliamentary procedure. Aren't you glad you don't agree with me?

I noticed that you have seemingly abandoned your courageous outcry against the insidious invasion of The Diving Helpmate to concentrate upon pleading for more photos of sexy dolls. I don't think this is wisdom on your part, old man. The invading wives really don't mind allowing us spineless spouses (Speece?) to lasciviously gawp at the harmless photos of shapely girls so long as they are able to shyly continue their gradual encroachments upon our rightfully male sport. Arouse yourself, Kohler! Sharpen your wits! Both of them, if possible. Save us from a future comprised of one-part skin diving to three-parts beach-sitting with a pack of yowling kids and a triumphant wife who consistently louses up a so-called diving outing with all the aspects of portable domesticity. The time has come again for you to defend us cowards. Get like going, sir!

RONALD LEHMAN
Las Vegas, Nevada

Ladies, get them yowling kids off this beach and back to home where they, and you and the rest of the married wenches, belong. That goes especially for YOU, Missus Lehman—and take that coward with you.

To you guys with rocks in your heads who don't want females in the club (take note, *Essex County Sandsharks*): Have you ever thought of having an afternoon dive, supper cooked over a fire on the sand, and, later, a walk along the beach in the moonlight? Or, maybe, sit around the fire and sing songs as a group?

JERRY GRAY
Bloomfield Hills, Michigan

Or, maybe, necking with all the girls of those guys busily sitting around that fire chanting group-songs?

After reading the last issue of SDM and finding that you need some beauties for your column, I have decided to send in one. Her name is Jenny Grey, and she is a good skin diver in the *King Fins* of La Porte, Texas. Our club has used this picture of her to enlist new members into the club. It sure really helps. Hope this enclosed picture will satisfy Dick Enderman of Key West, Florida, who is also a photographer.

BILL CRAWFORD
La Porte, Texas



Okay, you La Porte divers. Now you've been duly warned. The next time you chance to meet this lovely creature and she starts any kind of a conversation regarding diving—you'll know what she's up to . . . Club Membership enlistments.

I sure feel sorry for you. After reading some of those letters, in Driftwood, I wonder how you ever manage to take it. I don't think many of your readers realize you are human. I also realize you don't look it, but that is no excuse for making fun of you. I know you can't do anything about it, but why don't you censor some of the naughtier letters? I have to give you a lot of credit for taking such a beating. All I can say is—keep your chin up.

ANTHONY GONNELLA
Mountainside, New Jersey

You got it all wrong: Everybody loves me. They just don't care to admit it in public.

Look, Mister Authority—I like skin diving. In fact, I like it well enough to invest a considerable amount of my earnings in diving equipment. Moreover, I have introduced my wife and our three kiddies to the sport. None of us are exceptionally good divers, but we heed the rules and enjoy ourselves. And we happen to belong to a fine club comprised of other people quite similar to us in status, viewpoint and enthusiasm for the sport. There was a time when we thought you were very amusing. We even believed you were really only joshing us with all your remarks about organized diving and taking wives along on diving trips. Now, we've realized our mistake. You're not joshing a bit. You mean every word you write. And it's the opinion of a great many people, in this area, that you and your rotten column should be removed from the pages of an otherwise inspiring and wholesome publication.

DANIEL MCKIMSON
Santa Monica, California

Then how come all those people forced you to sign your inspiring and wholesome little letter all by yourself?

. . . Well, so there we go for another visit amongst the strange and wonderful forms of life found along isolated shores and lurking in the dim pools of human existence. Don't touch any of them: They bite. I suppose you'll be down here, at the creaking jetty, next month, patiently waiting for the tide to bring me and the rest of the kookie specimens into the shallows.

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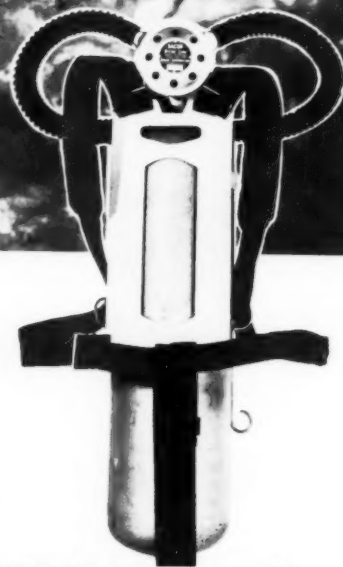


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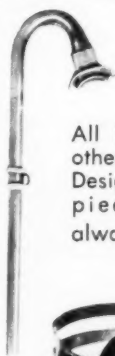
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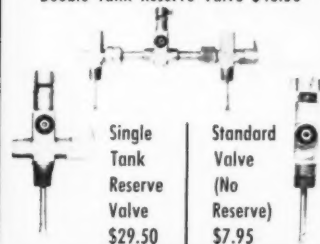
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News Current

NEWS FROM AROUND THE GLOBE COMPILED AND EDITED IN SKIN DIVER OFFICES.
Local diving news from readers welcomed.

PALOS VERDES, CALIFORNIA—Roy Rogers and Dale Evans were starred in the May 1 Aquarodeo at Marineland of the Pacific on the "Dinah Shore Chevy Show." Instead of catching calves, the divers hand caught sharks and "pig tied" them to a post, they rode "bronco" turtles into a corral and had a round up of bat rays. Terry Lentz won the shark busting contest and the turtle riding event, Ken Roberts corralled the most rays, George Bodenschatz won the shark roping and Bob Dansor was winner of the wrestling of a turtle onto a platform. John Gaffney of SDM was one of the judges.

ATLANTA, GEORGIA—Wayne Mothershed recovered a safe containing \$600 in water soaked checks from the depths of Arabia Lake. The safe had contained \$900 in cash when it was stolen three months prior, but the money was not recovered.

NEW ALBANY, INDIANA—Five skin divers of the Ohio Valley Divers Club have been deputized by the local sheriff's department. On call by the police, sheriff and for rescue work are special deputy sheriff's, Wayne Wedding, Ed Freiburger, Harry Reynolds, Quentin Clay and Ed Hornung.

MEDITERRANEAN—George Bass, a University of Pennsylvania archaeologist, will be field director of an expedition sponsored by the University Museum in collaboration with the Council for Underwater Archaeology and the London Institute of Archaeology for a summer of undersea exploration in the Mediterranean. The 37-year-old archaeologist was trained in diving by members of the Depth Chargers for the coming expedition. If the Turkish government grants permission, the expedition will attempt to retrieve some of the cargo in the wrecks of two ancient ships, one dating back to 1400 B.C.

JUNEAU, ALASKA—C. L. Anderson, Commissioner of the Alaska Department of Fish and Game, reveals it is unlawful to fish for trout, char or salmon with a spear, underwater gun or arrow in fresh water. The information was given to clarify a portion of the state's regulation brochure. The 1960 pamphlet omitted the words "fresh waters" on this regulation. The law does not apply to salt water fishing.

TALLAHASSEE, FLORIDA—A warning has been issued by the Florida State University Security Officer regarding two red metal cylinders taken from the Tully Gymnasium. The tanks, the same size and shape as those used by divers, contain carbon dioxide! The tanks were used in operating a soft drink machine and should not be used for skin diving.

LONG BEACH, CALIFORNIA—Larry Wendley, who suffered a severe attack of the bends off Hawaii last year, has been transferred to the Long Beach Veteran's hospital. A partner in Maui Divers he was stricken while diving for black coral off Lahaina.

CINCINNATI, OHIO—A pair of skin divers suspended searching operations for two Jesuit brothers who drowned in a fishing trip on the Little Miami River. Divers were forced to abandon the search because of mud and fast current. Police also had to suspend dragging operations because of the current. The divers will try again when visibility increases.

LOUISVILLE, KENTUCKY—Four members of the Kentuckiana Scuba Divers Club stumbled into a waterlogged cache including explosives, cash register drawers, television sets and a station wagon. The quarry uncovered many items believed stolen but not a 1956 auto for which the police had requested the divers search. The 1959 station wagon found had what appeared to be a bullet hole in the rear and a filing cabinet filled with stolen records inside. The divers, John Otte, Don Ryan, Johnny Goatley and Gene Yost, also recovered a small arsenal including a shot gun, rifles, boxes of dynamite caps and fuses and an Army demolition kit. The Army demolition squad was called from Fort Knox. The kit contained 14 sticks of nitroglycerin and 48 blasting caps. The kit was taken to Fort Knox on pillows. The divers were shaken when one of the squad revealed that a seven pound jolt would have exploded the kit.

NEW YORK, NEW YORK—Skin diving was on the agenda as 1200 scouts assembled for the two-day Spring Golden Anniversary Camporee of the Boy Scouts of America. Among the activities planned for the event were sports including diving, archery, fishing, etc.

LA JOLLA, CALIFORNIA—To help train undersea explorers, a diving pool with automatic controls to imitate ocean conditions will be built at Scripps Institution of Oceanography, La Jolla. In this new scuba training facility, controls will automatically adjust the temperature and turbulence of the pool that will train divers for science. The pool will be the University of California's only diver training facility. Students from various University of California campuses will use the pool to gain skin diving skill for research projects. The \$160,000 diving facilities, including pool, towing tank and laboratory structures, were designed by Aerojet-General Corp.

FORT MYERS, FLORIDA—Five hours of searching in cold, murky Gulf of Mexico waters revealed the location of a Cessna 150 small plane that crashed several days before. The three divers, Paul Marvle, Sam Dart and Bob Blankenship, tied ropes to the submerged craft as three waiting boats hauled the craft above water and to the beach.

SAN DIEGO, CALIFORNIA—Navy frogmen are test diving a basketball-sized detector that can "hear" a solid object 300 yards away. The hand carried detector is a midget version of sonar. The device weighs about 20 pounds on the surface. Air spaces in the container provide negative buoyancy for control and ease in handling. A dozen flashlight batteries power the detector for at least 40 hours. Equipped with transistors, the unit is strong and light. In addition to being a complete sonar system chiefly for use in murky waters, the device can be used as a radio receiver and has been tried up to a mile. Ten proto-type units will be delivered to the Navy's Bureau of Ships in Washington in June.

MONTREAL, CANADA—Ten engineer-skin divers will spend the summer in a million dollar tank, 140 feet long with a 346,300 gallon reservoir, a special set of pumps and a combination control and locker room. The ten, members of Canadair's engineering division test laboratories, will inspect a huge CL-44 air cargo plane being tested for stress and strain in the huge tank. The tests will continue through 1961 to determine endurance limits and margins of safety for the aircraft. The engineers are being trained for the diving assignment by Dick Shone who served in the Royal Navy as an underwater demolition and salvage expert.

DETROIT, MICHIGAN—In line with a theory that tomorrow's military bases may be built on the bottom of the sea, a University of Detroit engineering student, Charles Meldrum, has devised a self-propelled underwater raft to transport men and materials to work sites. The "underwater car" has an immediate and practical use in travel to underwater construction jobs and in carrying divers on 100-mile trips under the sea. Meldrum observed the maneuverability of a manta ray, speared it, and dissected it. Then he outlined the skeleton structure which became the basis for his raft. The raft will travel 18 miles an hour on electric motors that leave no tell-tale trail, two levers control ailerons which direct the vehicle up and down, assisted by a system of ballasting. Designed to carry 1,100 pounds, the raft has a static underwater balance system enabling it to be moored at any level in the sea and stay put. The raft, still in the experimental stage, has a use in military reconnaissance, demolition, patrol, salvage, scientific and marine research as well as an underwater vehicle for sportsmen. The aeronautical engineering student developed plans and a working model for a thesis at the university. His professors have urged him to submit details to the Army and Navy for further development.

ASTORIA, LONG ISLAND, NEW YORK—Jane Baldasare, underwater endurance and distance record holder, is now contemplating an underwater crossing of the English Channel. Jane plans the first attempt at crossing the channel under the surface this summer.

SHREVEPORT, LOUISIANA—Local diving groups have petitioned the Louisiana Wildlife Federation to urge the next session of the State Legislature to amend existing Louisiana laws to provide for the taking of non-game fish by underwater spearfishing in fresh water. At present divers are taking only gar fish.

RICHMOND, VIRGINIA—Four dives into the 36 degree icy waters of the James River by Henry Coghill located the wreckage of a plane that had crashed into the depths the week before. Coghill successfully tied the rope around the plane which was later beached.

WILMINGTON, CALIFORNIA—Four police skin divers groped through the murky waters of Cerritos Channel for burglary loot believed to have been dumped from Zane Grey's old cabin cruiser. The search for \$3500 in loot was conducted in 40 feet deep water at the Lighthouse Landing.

KODIAK, ALASKA—Controlled studies of the king crab are being developed by the Biological Research Division of the Alaska Department of Fish and Game at Kodiak. The king crabs are being inspected in their steel framed wire covered pens by a diving biologist to keep the industry in the Kodiak-Afognak area operating on a sustained yield basis.

OLYMPIA, WASHINGTON—Vern Morgus accompanying his high school class of scuba divers on a dive off Stetson Beach discovered an old rust-covered anchor on the ocean floor. Morgus believes the anchor dates back to the days of early Washington history.

CHIPPEWA FALLS, WISCONSIN—Bill Smith, Dr. George Markgren and Arlo Scholtz donned equipment to probe the waters of the Chippewa river in an attempt to learn whether or not a large island in the stream had suddenly broken loose and was moving down river. The divers calmed local towns people by revealing that the island was firmly based, had not moved, and would not move unless moved by means devised by man.

BUCYRUS, OHIO—A full scale operation was made to recover a 200 pound plus safe stolen from an area service station. The safe was recovered from the cold water of Ocoola Stone Quarry by diver Chester A. Winkelfoos. The safe was empty.

ELK LAKE, MICHIGAN—Awaiting official recognition for a record dive beneath the ice of Elk Lake is George Davis. Davis descended 193 feet. The dive took 12-14 minutes including eight decompression. The event was officiated by a deputy sheriff. Davis has listed his under ice depth dive with the Underwater Society of America.

MEXICO CITY, MEXICO—A second expedition by the Mexican underwater archaeology team known as CEDAM (Club de Exploraciones y Deportes Acuaticos de Mexico) is being planned for June or July. Pablo Bush Romero, head of the government sponsored organization, is seeking U. S. divers to accompany the expedition. This year the group will explore off Cozumel Island, Yucatan.

NORTH TONAWANDA, NEW YORK—Basement flooding in the northern part of the city has been eased thanks to the efforts of two fire department skin divers. Albert H. Krueger and Myron Goodnick closed a valve in a sewer line that was sending flood waters into the basements of city houses.

PALO ALTO, CALIFORNIA—Skin divers are searching the waters of Crystal Springs Dam in an effort to locate a .45 caliber gun used in the murder-suicide of a local resident. Police believe the discovery of the weapon will prove whether the killing was murder or suicide.

APPLETON, WISCONSIN—Eight divers of the Midwest Amphibians Club of Milwaukee are assisting the Wisconsin Conservation Department in a survey of fish population, feed potentials and other data in two lakes, Round Lake and Bullhead Lake. The divers surveying the lakes were Chuck Stanley, Tom Marlatt, Matt Putra, Vern Burkart, Robert Bobinger, Chuck Richardson, Peter Mauer and Allen Freeman.

PORT SAID, UNITED ARAB REPUBLIC—Divers are slipping beneath the waters of Port Said harbor hoping to come up with a gold statue of Christ. The Russian statue is one foot, seven inches high and reportedly worth \$1,400,000. Reports reveal the statue was on a Russian destroyer that was torpedoed by a German U-boat at Port Said in 1917.

MIAMI, FLORIDA—Eugene Shinn and Bill Belau combed the remains of a sunken British ship off Triumph Reef south of Miami. The two divers discovered and recovered several cannon and a large stock of the ship's magazine.

EAST HAMPTON, NEW YORK—Skin divers have been banned from diving within 1500 feet of the shore from North Bar to Frisbie's as the controversial Montauk Point issue was unanimously passed by the East Hampton Town Board. The ordinance went into effect on May 8. A test case of the new law is expected to be made by the divers immediately. The law also prohibits spearfishing within 200 feet of bathing beaches and requires that divers display the Divers Flag. Boats will be required to keep 50 feet from the flag. At a meeting prior to the passage of the ordinance the divers were given backing and assistance from several groups including the commercial haul seiners. The commercial men, Montauk hotel and motel owners and the Baymen's Association went on record as opposing the ban. The only group that pressed for the passage was the Montauk Boatmen's Association. Fred Fegelson, an attorney representing the divers, said that the town legally had no right to prohibit diving in certain areas.

NEW YORK—Peter Gimbel is not the expedition advisor for a future expedition planned on the sunken Spanish Armada off the coast of Spain. A prior release on the \$75 million dollar gold treasure linked Gimbel with the venture.

MIAMI, FLORIDA—Philip Amero, educational director for Skin Divers Aquarium Inc. and diving instructor at the Miami YMCA, has a bi-monthly program at the YMCA with lectures and films on diving safety. Guest speaker at a recent program was Dr. Davis, Dade County Medical Examiner. Dr. Davis' talk was on anoxia.

CHICAGO, ILLINOIS—Fourteen Explorer Scouts from Highland Park High School visited Miami, Florida, for a spring vacation skin diving trip. The Scouts were accompanied by five Scout leaders.

BALLSTON LAKE, NEW YORK—Divers from the Schenectady civil defense diver unit and Waterford rescue squad were called to search for a missing two and a half year old boy in Ballston Lake. The youngster's body was recovered by diver Leonard Jones of the Schenectady CD Unit.

TALLAHASSEE, FLORIDA—Several members of the FSU Skin Divers, working in conjunction with the Leon County Sheriff's Department, failed in an attempt to locate the body of a drowned fisherman. Divers were hampered by thick moss, grass, lily pads and poor visibility.

HUNTINGTON, PENNSYLVANIA—Six members of the Altoona Skin Divers Club are credited with solving a service station burglary. The divers recovered stolen items from the river at Williamsburg.

PALOS VERDES, CALIFORNIA—Robert E. Hughes wrestled a leopard shark to the surface of Marineland's big tank to land himself a \$1000 prize. The shark wrestling contest was put on by Truth or Consequences and appeared on national television sets. Hughes was the first of the twenty-five contestants to catch the shark. Judging the event was Chuck Blakeslee of SDM.

DETROIT, MICHIGAN—Divers are searching the depths of Lake Erie for the four victims of a small plane crash. The Piper Comanche was returning from Buffalo, N. Y. after a United Auto Workers sponsored bowling match.

REDONDO BEACH, CALIFORNIA—County lifeguards Bob Hughes and Don St. Hill assisted local swimmers, divers, and fishermen by setting underwater explosive charges around dangerous pilings hidden in the surf. The clearing was made at the foot of Sapphire Street.

NEW ORLEANS, LOUISIANA—Electronic wizardry and new style guinea pigs may be the key to solving the skin diver's menace "rapture of the deep." Dr. Dewey F. Sears, instructor in physiology in Tulane School of Medicine, is studying the effects of high pressure gas on two species of paramecia. A special camera equipped microscope makes observations of thousands of the paramecium's reactions. This data is fed into the electronic brain of the Tulane computer center to speed the discovery of basic facts about the small creatures.

TUBE METHOD OF MOUTH-TO-MOUTH

ARTIFICIAL respiration is an ancient and well understood subject appearing in the Old Testament of the Bible and has been taught formally or informally to most of the people of the world today. The Old Testament documents the use of mouth to mouth breathing in infants and small children. Even today this is the most effective method of resuscitation in youngsters. Detailed, accurate and scientific experimentations have recently demonstrated that even well trained instructors in 13 out of 16 cases could not move enough air into a "victim's" lungs to keep him alive with some of the currently taught methods. This article will concentrate on the tube method of artificial respiration as some of the current methods have been scientifically proven to be ineffective.

Our group of skin divers have been able to master it quickly after five minutes of practice. It can be used on land, on a float, or even in deep water with a life preserver. Mouth to mouth resuscitation is esthetically distasteful to many people and for this reason is often difficult to teach. There are some disadvantages but it is felt by many medical people to be the only sure method. We would like to present this in the hope that you will remember the three easy steps, practice it once, then feel very secure in your ability to handle any drowned or suffocated victim.

The men that did the scientific experiments recommend an "S" shaped tube to insert into the throat. This method has been tried and found to be completely successful. Small people can ventilate people twice their size for sustained periods. This method has been handicapped by requiring the possession of the "S" shaped tube. Our tube method has been adapted primarily for skin divers but actually has universal application. The tube method is quick. It is easy. It works. It does not require anything except what is at hand. The only material needed is a short length of tubing of any size or material. There are many tubes available: vacuum cleaners, garden and bath hoses are usable and auto heater hoses are readily at hand. In skin diving, regulator hoses are usable, but a snorkel is ideal. For our method, immediately get a length of tubing and cut or break it into an eight to twelve inch length. Do this quickly then follow the three easy steps below:

1. **INSERT THE TUBE:** Put your fingers deep into the mouth sliding the tube in past the tongue down into the throat. Foreign objects can be removed as the fingers are withdrawn after the insertion of the tube. **TIME** is of the utmost importance.
2. **KEEP THE CHIN UP AND FORWARD:** Use both hands for this and at the same time seal off the nose and mouth with fingers. The chin must be maintained up away from the chest and is the most important feature of any method. The drowned or unconscious person will automatically obstruct his own airway below the spot where the tube ends if the head assumes normal position or bends toward the chest.
3. **BLOW HIM UP:** Blow up his lungs like a balloon, then allow him to exhale automatically. Blow him up again using all your breath into him every time. Repeat this as fast as you can for one minute then settle down to normal breathing for thirty minutes. If he has not started breathing by this time, he may have been dead to start with. If breathing is difficult adjust the tube in or out about one inch.

TIME cannot be over emphasized. Four minutes is about all the time a body can survive without oxygen and escape brain damage, and death occurs soon after. You have no time to lose and this method can be used almost as easily in water as on land if a life vest or float is available. Start immediately upon surfacing and do not tow him to shore until he has started breathing.

DON'TS: Don't try to decide whether he is dead by checking heart, pulse, etc. Don't remove clothes or gear, or bother about position of the body except for his chin being up.

Don't empty water out of the mouth, worry about sterility, water in the lungs, pneumonia, or catching a disease.

SUMMARY: This method is easy, teachable and retainable. It need be practiced only once. It can be used on land or in deep water. This method works effectively and with success. **THREE EASY STEPS:**

1. Insert the tube.
2. Keep the chin up and out.
3. Blow him up. ➤



Insert the tube . . .

Demonstrated by G. L. O'Donnell and G. H. Howland



Keep the chin up and out . . .

By James P. Donahue, M.D.
and
Gerrald H. Holland
"Fintwisters"

Blow him up.

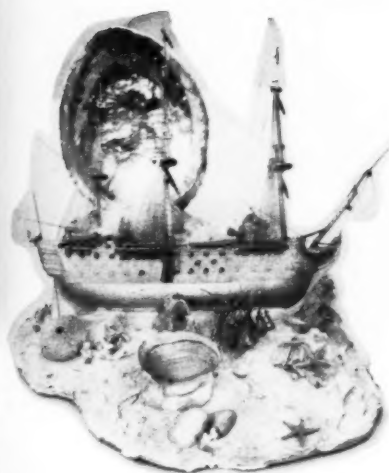


Junior . . .

. . .

FIN FANS

By JEAN DOWD



HI, THERE, JUNIORS! If you like to go overboard for fun or profit, this column is just for you. Each month we'll swap stories with diving buddies near and far. So if you're 16 and under—years not fathoms—we want to hear from you, too.

Get out that octopus ink you've been saving in your desk and write to:

**JUNIOR FIN FANS'
UNDERWATER MAILBOX
c/o SKIN DIVER
MAGAZINE
LYNWOOD, CALIF.**

SWIMMERS at Laguna Beach, California were startled recently to find that commencement exercises were going on right under their noses—they were literally in a sea of graduates. Every minute or so, another boy would pop to the surface holding a diploma which was carefully protected in a waterproof plastic case.

Contrary to popular rumor this was not the final day at Neptune College, but only the regular graduation ceremony of the Scuba Scouts of Glendale. This highly trained group of teenagers can be found most any week-

end enjoying the rock 'n roll of a Pacific diving cove or inland waterway. They really "dig" old anchors, like to haunt wrecked ships and LOVE to bring home a pretty kettle of fish for their mothers to stew over.

One weekend the Scuba Scouts invaded a spot on the Kern River with a prospector friend. A day of diving netted them \$2.50 in gold—the assay report came to \$3.00. But it was a small price to pay for the experience of an underwater search for gold and the valuable tips on panning from an "old timer".

For the hungry type (and what teenager isn't) the Scuba Scouts have found some of the Palos Verdes coves a forest of game. "Ab-Grab Fests" are sure to be a success here. But entry to coves is down a steep cliff or by boat.

Farther north, near Santa Barbara,



the boys collect beautiful pieces of coral for home aquariums. Other diving trips, off the Santa Barbara Islands and Catalina, have yielded an old anchor and many fine shells.

The first Scuba Scout Unit graduated in September, 1958. The six members had logged up 63 hours of vigorous training in classroom, pool and ocean. The boys blame their first interest in this sport on an underwater film shown at one of their regular Explorer Post meetings. Before long, a skin diving course was organized—29 hours of serious, highly organized underwater work. This was one class where you could count on being over your head from the start. Homer Fletcher, a certified Los Angeles County instructor, helped out by donating his time and equipment to

(Continued on Page 63)



Scuba Scouts—Top left: Dan Houchin, visiting instructor; John Guildner, David Smith, Frank Collins, assistant advisor; Don Barlow, Pat Bixby, Glenn Olbert. Below are Larry Winn and Bill Loftis.—Photo by Ed Dowd.



UNDERWATER SOCIETY OF AMERICA

JOHN J. McANIFF

Director of Publicity,
Underwater Society of America
P. O. Box 724, Station A
Champaign, Illinois

Progress is evident in all of the many spheres of activity of the Society. Most recent in the news department is the appointment by President Carl Hauber of a Director of Communications. Mr. Frank Satenstein, prominent official of CBS fame and formerly the director of the Jackie Gleason Show, has accepted the position. It is anticipated that in this capacity Mr. Satenstein will be working closely with both the Director of Publicity and the Director of Public Relations.

It has just been learned that our good friend Del Wren will be unable to continue as Vice-President of Competitive Skin Diving since he intends to compete again this year. With the Nationals just around the corner President Carl has taken immediate action since time did not permit the formalities of nomination and election of a replacement. Two Co-chairmen have been appointed to serve the interim period until the Convention at Houston . . . John Geisler and Ron Merker. Both of these are familiar names to old hands in the sport and their previous experience is bound to be a big help in getting this year's competitive program underway.

The date for the First Underwater Society of America National Competitive Spearfishing Championship has been set for June 26th and the location will be Divers Cove, Laguna Beach, California. It is expected that this year's National Competition will attract more teams than have ever competed in a National competition in the United States. The newly adopted rules allow each Council to send one team to the Nationals and the indication is that all will do so.

Two more prominent areas have submitted requests for acceptance of their respective Councils in the Society; the states of Indiana and Ohio with a surprisingly large number of divers represented in each. Negotiations are underway and the acceptance of these two Councils will no doubt be announced in a forthcoming issue.

Vice-President Will Jacobs has announced the fact that tremendous interest is being shown in the various technical

aspects of diving and he expects to make a progress report shortly. The various proposals regarding safety in underwater activities are now under study by our Canadian partner Ben Davis and here again a progress report will be forthcoming in the near future.

Quite recently the Society has received a number of inquiries from Boy Scout Units of all sizes expressing their interest in diving and various proposals in this field are now under consideration.

The tremendous influx of correspondence to each of the Society's Departments is still keeping us somewhat behind but we hope soon to be able to keep an up to date schedule in every division. Membership applications are now being processed much more rapidly even though the response and number of applications is still running very high. The two offices which seem to be most swamped, especially in correspondence, are those of the President and the Publicity Director. Every effort is being made to improve this situation and we ask the patience of all of you who are waiting for answers to your letters.

Advance registrations are already coming in for the First Annual Underwater Society of America Convention scheduled for Houston, Texas, August 19-21. Convention Chairman George Youmans has announced very moderate rates for the Convention at the famous Shamrock Hilton Hotel. Single rooms are available starting at \$8.00, double rooms at \$12.00 and up and arrangements can be made for three or four person occupancy of a room with rates at \$3.50 and \$4.50 respectively. Parlor/bedroom combinations start at \$25.00 and parlor/two bedroom suites \$55.00 and up. Plan now to attend this wonderful affair and get your reservations in early. Registration for rooms can be arranged directly with the Shamrock Hilton.

A few of the 8x10 inch full color photo-reproductions of the Society's beautiful insignia are still available and can be obtained at the price of \$4.50 (check or money order) sent to "Insignia," c/o the Society headquarters address (see above).

American divers were saddened by the recent news of the untimely passing of veteran diver Conrad Limbaugh. Beyond the great personal tragedy to his family and friends, we all share the burden created by the loss of one who had dedicated himself to the building of a better sport.

Mr. Limbaugh was returning from the Barcelona Meeting of the World Underwater Federation. He was invited there as one of America's leading experts in the technical field of diving. In Barcelona, he recognized the great value of the World Organization and of the Underwater Society of America, and had consented to serve in an executive capacity with both organizations. His death, as he practiced the sport he loved in the waters of Marseilles, France, brought these many plans of comradeship and advancement to an abrupt end.

Thus, the Underwater Society of America wishes to join the World Underwater Federation in expressing our humble condolences to the loved ones of Diver Conrad Limbaugh.

World Championship Team Selection

Selection of the team to represent the United States at the World Championship in Rome will be made following the National competition in Laguna Beach on June 26.

The prospective world team members will be assembled for a final selection on the Tuesday following the National meet off Catalina Island. Here national coach Jim Christiansen will put the divers through their paces in deep clear water similar to European waters. The final selection will be made, first on their ability in the water and second on their competitive record.

Councils with divers qualifying for a berth on the world team must have in the national coach's hands no later than June 20 their complete 1959-60 competitive record and an evaluation of the diver's abilities, depth of diving, duration of divers, fish sense, personality, etc. This report must contain the signatures of the council president and competitive chairman.

All potential team members must be in Laguna prior to the Nationals for a partial evaluation by the coach. Any divers qualified, but not competing in the Nationals, will be considered at Laguna at the same time.

UNDERWATER SOCIETY OF AMERICA P. O. Box 724, Sta. A, Champaign, Illinois

Application

For

Membership

1

ASSOCIATE MEMBERSHIP: \$1.00 (individual unattached divers).

Name

Address

2

CLUB MEMBERSHIP:

Name

Address

Council Affiliation (if any)

Please list the name and address of all members desiring to join the Society on a separate sheet and mail with this blank.



Time out for dinner and a pose for the camera at the New Orleans special meeting of the Board of Governors of the Underwater Society of America. Ninety percent of the member councils were represented . . . Louisiana, Florida, Illinois, Connecticut, Mississippi, California, Washington, Missouri, Georgia, Southern, Rhode Island, West Indies . . . other councils were there by proxy. Perfect host for the meeting was the newly formed Louisiana Council and the famous Jung Hotel in New Orleans.

U. S. TEAM AGAIN NEEDS FUNDS FOR WORLD CHAMPIONSHIP

Prior to the year 1959, our country had been unable to send a spearfishing team to the World Spearfishing Championship. Unbelievable as it may be, nevertheless, our only reason had been the lack of funds to field our national team.

Last year, due to the personal tremendous and forever greatly appreciated efforts of two persons, who need no introduction—Gustav Dalla Valle and Nixon Griffis—we were able to raise the necessary monies to send our team abroad to Malta. The U.S.A., represented by Terry Lentz, Don DelMonico, Paul Damman, Del Wren, coached by Jim Christiansen and accompanied by U.S. officials, Gustav Dalla Valle and Serge A. Birn, went on to capture the third place team spot with 166 points. Spain placed first with 179 points and Italy placed second with 176 points, in what has been described as the greatest world championship held to date.

Nineteen nations competed for national glory. Our Terry Lentz captured the coveted and greatly desired individual championship, racking up 53,050 points, thereby winning for himself recognition as the Champion Spearfisherman of the world. This feat can be likened to that of winning the heavyweight boxing championship of the world, or receiving the Mr. America award. For many years, Gustav Dalla Valle had been telling the rest of the world that the American team, when and if they could raise the necessary funds to carry their team to competition abroad, would make an exceptional showing of themselves.

You, the individual diver, and you the Club organization, that shared in the excitement and glory of our U.S. team's victory did not, however, as a

united force contribute monetarily to make this achievement possible. It is true that several clubs and individual skin divers contributed and for this we are eternally grateful. However, seventy-five percent of all contributions came from persons that did not belong to a skin diving club, or did not skin dive.

Were it not for these individual persons, men and women from all walks of life, who felt that they had an interest in their country and representative team—1959 would have been another loss for the U.S.A.

Again, this year, we are appealing to the American public. But our special appeal will be to you, the individual skin diver, who is affiliated or not affiliated, with any organization, the more than three thousand American clubs and the more than twenty councils, to give generously to this Fund in order to send our United States champion spearfishing team to the World Championship abroad. Send your contributions to:

Eugene D. Vezzani, Financial Chairman U.S. Team to the World Championship Committee, c/o Underwater Society of America, 66 Pryor Street N.E., Atlanta 3, Georgia.

Men's and Women's 11th Underwater Spearfishing Championship JUNE 26, 1960.

Location: Diver's Cove at Laguna Beach (south of Los Angeles).

Diving Conditions: There is a mile of coast line where you will be able to hunt your fish. The most prolific areas are out from, and between, the numerous points and reefs. Water temperature will be between 63 and 68 degrees F. Bring at least a wet top. Depths out to ¼ mile from shore are as deep as 60 to 70 feet, with

average of 25 to 50 feet. Expect a visibility of 20 to 40 feet. The surf is only occasionally a problem.

Fish: Opaleye, Rubberlip and Halfmoon Perch, Sargo, Sheepshead, Calico (Kelp) Bass, Corbina, and Halibut. "Gamefish" such as Bonita, Barracuda, Yellowtail, and White Sea Bass may pick that day to travel close to shore. For anything over 30 lbs. you may need a line pack. It is suggested that research on these varieties will speed familiarization with Southern California diving. Guides will be on hand at Headquarters every morning and afternoon from June 20th on, to help divers become familiar with the Competition Diving Area. During the rest of the day the contestants can either check the area individually or practice spearfishing in the area to the north or south of the competition area. **THERE WILL BE NO SPEARING OF FISH BY CONTESTANTS IN THE COMPETITION AREA THE WEEK BEFORE THE MEET.**

There will be an Orientation Dinner (mandatory for contestants and officials) the evening before the meet.

Equipment: Exposure suit or shirt plus all other personal equipment. Two or three rubber guns are most popular. Short guns for shooting in the holes. Extra guns suggested. You will need a 4 to 6 ft. surf mattress to transport yourself and equipment to your diving spot. It should have 50 to 60 feet of line with an anchor, and tie-down arrangements.

Registration forms available from your Council or: John Geisler, 9170 Priscilla St., Downey, Calif. Give detailed information.

Fee is \$15.00 for men and \$10.00 for women.

Reservations for lodgings and orientation dinner are available from your Council or Don Knapp, 208 Emerald Bay, Laguna Beach, Calif. Please send filled out registration and reservation forms immediately as deadline dates are very close.

List of Chairmen of the Competitive Spearfishing Committee of the Underwater Society of America:

Women's Competition—Marcia Rowland, 10534 Orion Ave., Granada Hills, Calif., and Marge Williamson, 2033 S. Birch, Santa Ana, Calif.

Rules—Tom Lindtvit, c/o Empire State Council, Box 165, Flushing, N.Y.

International Competitions Finance—Gene Vezzani, 66 Pryor St. N.E., Atlanta 3, Ga.

Internationals Competitions Coach—Jim Christiansen, 135 Covina, Long Beach 3, Calif.

Men's and Women's Foreign Relations—Gustav Dalla Valle, 555 Greencraig Rd., L.A. 49, Calif. ➤

NATIONAL DIVING PATROL

NEAL HESS, Director

Sponsored by

SKIN DIVER MAGAZINE and UNDERWATER SOCIETY OF AMERICA

In the May issue of "Skin Diver," I outlined the program of the National Diving Patrol in brief. I stated that it would take a long time to meet all of our objectives. The very favorable outcome of this attitude is that the Board of Directors can concentrate on one objective at a time and perform those tasks necessary for complete success of each goal. Our immediate goal is the National Diving Patrol's Instructor Training Course to be given in Houston, Texas, August 22-26.

This month we can happily report that two outstanding men in the field of diving medicine have joined the Board of Directors. They are Captain A. R. Behnke, Jr., M.D., U.S.N. (ret.) and Commander George F. Bond, M.D., Medical Corps, U.S.N., Officer in Charge, Medical Research Laboratory, U.S. Naval Submarine Base, New London, Connecticut. These officers are staff instructors of the NDP's Instructor Training Course.

Also on the Board of Directors is Mr. Jim Auxier, Editor, Skin Diver Magazine. Mr. Auxier's contributions to the field of diving are well known. His editorial policy of furthering the club and council programs throughout North America and his continued support of the Underwater Society of America is the basis whereby safe and sane diving, resistance to adverse legislation and enjoyment of skin diving has reached the state of perfection that it has today. In the first copy of "In-

structor's Corner" I mentioned the annual skin diving school established in France. From that time on, Mr. Auxier has favored and fostered the idea of a similar school to be established through a nonprofit, nongovernmental organization in the United States. He and I have spent many hours of discussion on the merits of such a school and how we can obtain the support of divers like yourself. The next few months will tell whether we have been able to solve the many problems involved in this undertaking.

We are also able to report two outstanding instructors who have joined the National Diving Patrol Instruction Staff for the course in Houston. They are Mr. William Mitchell, a gentleman well versed in governmental regulations, who will give to the instructors attending the course a wide knowledge of the legal ramifications involved in instructing, salvage, spearfishing and formal organization of diving groups. Mr. John Jones Jr. is well known to you through his efforts in organizing the Broward County (Florida) Red Cross's skin diving instruction. Mr. Jones will be responsible to you for training in life saving and artificial respiration techniques.

The week long instructor training course is organized as shown in the accompanying outline. Those instructors that pass the examination given in diving knowledge, teaching ability, pool and ocean tests will be certified

NATIONAL DIVING PATROL INSTRUCTOR'S COURSE Houston, Texas

August 22 through August 26, 1960

Monday, August 22: 8-9 a.m.—Introduction and National Diving Patrol Organization, Mr. Hess; 9-11 a.m.—Medical Aspects, Capt. Behnke; 11-12 noon—Teaching Techniques; 1-3 p.m.—Diving Physics, Commander Bond; 3-5 p.m.—Pool Work (tests and skin diving), Mr. Hess; 7-9 p.m.—Medical Aspects, Capt. Behnke.

Tuesday, August 23: 8-10 a.m.—Medical Aspects, Capt. Behnke; 10-12 noon—Diving Physics, Cmdr. Bond; 1-3 p.m.—Life Saving and Artificial Respiration, Mr. Jones; 3-5 p.m.—Pool Work and Scuba Fundamentals; 7-9 p.m.—Practice Teaching.

Wednesday, August 24: 8-10 a.m.—Legal Aspects, Mr. Mitchell; 10-12 noon—Teaching Techniques; 1-3 p.m.—Equipment; 3-5 p.m.—Pool Work and Advanced Scuba, Mr. Hess; 7-9 p.m.—Practice Teaching.

Thursday, August 25: 8-9 a.m.—Legal Aspects, Mr. Mitchell; 9-12 noon—Oceanography and Marine Life; 1-2 p.m.—Practical Diving and Safety Aids; 2-3 p.m.—Practical Diving Discussion; 3-5 p.m.—Pool Work and Tests, Mr. Hess; 7-9 p.m.—Tests.

Friday, August 26: 8 a.m. through 5 p.m.—Boat Trip and Ocean Tests; 7-9 p.m.—Graduation Dinner and Movies.

by the nonprofit National Diving Patrol to instruct. The National Diving Patrol will furnish the certified instructors with the necessary credentials to prove their ability. Also, instructors passing the NDP's course will be allowed to issue to their future students cards showing the student has received proper diving instruction.

Knowing instructors as I do through the last 20 months of writing for "Skin Diver," I realize that the greatest benefit from the week long instruction will come from interaction of the students with each other. I have found that each time I am able to discuss diving with one of you through personal contact or correspondence that my knowledge of diving fundamentals has been enhanced. Further, knowing divers as I do, I am convinced that the week association will be one of personal enjoyment for all who attend.

The Shamrock-Hilton has reserved a room for our academic discussions and has volunteered the use of its pool for our practical instruction. The pool is probably the most beautiful in Texas and as is true with all things associated with Texas, it is large, deep and clear. Mr. George Youmans of Houston is taking care of all the details to make sure that rooms, air and boats will be available.

Next month I will introduce the remaining Board of Directors and staff instructors of the National Diving Patrol. I hope to see you in Houston, August 22-26.

NATIONAL DIVING PATROL

Instructor Certification

Sponsored by
SKIN DIVER MAGAZINE
AND
UNDERWATER SOCIETY OF AMERICA

Name _____ Age _____ M - F _____

Address _____

City _____ Zone _____ State _____

Strong Subject _____ Weak Subject _____

Years as Instructor _____

Deposit (\$40 Minimum) _____

Send to and make checks payable to:

NATIONAL DIVING PATROL

P. O. Box 257—Sta. A, Palo Alto, California

FIRST MEMBERS NAMED TO BOARD OF DIRECTORS OF NATIONAL DIVING PATROL

COMMANDER GEORGE F. BOND Medical Corps, U. S. Navy

Commander Bond received his A.B. and M.A. degrees from the University of Florida and his M.D. from McGill University in 1945. He interned at Memorial Hospital, Charlotte, North Carolina.

He was Squadron Medical Officer, Submarine Base, Pearl Harbor 1954-1956 and Assistant Officer in Charge U. S. Naval Medical Research Laboratory, U. S. Naval Submarine Base, New London, Connecticut until last year when he was promoted to Officer in Charge of the same installation. In addition, Commander Bond is in charge of the Submarine Escape Training Tank, U. S. Naval Submarine Base, New London, Connecticut.

Commander Bond is a member of the American Medical Association. He was chairman of the Rural Health Committee, North Carolina State Medical Society for five years and Regional Consultant to the President's Commission on the Nation's Health for six years. Commander Bond is a Qualified Submarine Medical Officer and a Qualified Deep Sea and Scuba Diver, U. S. N.



CAPTAIN A. R. BEHNKE, JR., U.S.N. (ret.)

Captain Behnke received his A.B. degree from Whittier College and his M.D. from Stanford University in 1930. He holds a Master of Science degree from Yale which was awarded him honorarily in 1942. He was a Research Fellow at Harvard University 1932-35 where he worked on problems dealing with exposure to high pressures. He is a Honorary Member of Hollywood Academy of Medicine, Honorary Member of Harvey Society, Honorary Member of American Society of Anesthetists and a Fellow of the New York Academy of Sciences. He is also a member of the American Society for Clinical Investigation, American Physiological Society and Sigma Xi.

Immediately following his interne year, Captain Behnke entered Dr. Drinker's laboratory in the Harvard School of Public Health as a research fellow working with problems dealing with exposure to high pressure. Dr. Behnke was Instructor U. S. Naval Medical School 1937 to 1942. In 1939, he participated in the five months of rescue and salvage operations incident to the U. S. S. Squalus disaster. During World War II he carried on intensive investigations in the applied physiology of respiration under high altitude, surface and deep sea conditions, and has been connected with the investigation work at the Naval Medical Research Institute since its foundation.

Early in World War II, Captain Behnke was Harvey Lecturer on Aviation Medicine before the New York Academy of Medicine, and more recently has given the Wyckoff Lectures at New York University. He initiated action which led to the founding of the Naval Medical Research Institute, National Medical Center, Bethesda, Maryland. He served as Scientific Director of this institute from 1943 to 1950. He was Staff Medical Officer, Commander Submarine Forces, Atlantic Fleet during 1952.



MR. JIM AUXIER

Editor, "Skin Diver Magazine"

Jim Auxier has been closely associated with divers and diving activities since 1944 and has watched the development and improvement of commercial underwater gear since the beginning of the imported Japanese face mask and the first available foot fins. He was a lifeguard for one year and has held and renewed his Los Angeles County Underwater Instructor's card yearly since the second course of that organization in 1955. Skin diving became a full time job for Jim in 1951 when he and partner Chuck Blakeslee founded Skin Diver Magazine. Through his duties as editor he has attended organizational meetings for the benefit of divers in New York, Los Angeles, Chicago and New Orleans and has been primarily responsible for the formation and basic organization of hundreds of clubs and many councils. Jim's background in journalism and printing has enabled him to form the magazine's editorial format to educate, teach and instruct with words while providing reading entertainment for the mass of English speaking divers throughout the world (United States and 88 foreign countries).



MAKE RESERVATIONS FOR UNDERWATER SOCIETY CONVENTION

Accommodations for the coming First Annual Convention of the Underwater Society of America can be made through the Shamrock Hilton Hotel, site of the convention. Reservations should be mailed to the following address: Reservations Manager, Shamrock Hilton, P.O. Box 1287, Houston, Texas.

Room rates as announced from the hotel are: \$8 - \$10 singles (\$4.50 per person, three to a room), \$12 - \$14 doubles (\$3.50 per person, four to a room), \$25.00 parlor and bedroom and \$55.00 parlor and two bedrooms.

NEW ORLEANS DIVERS TO CHARTER HOUSTON-NEW ORLEANS FLIGHT

Arrangements have been tentatively set to charter an airliner from New Orleans to Houston on August 19 and return from Houston via same arrangements on August 21.

Divers planning to attend the Grand Isle Scuba Divers Internationals on August 15-17 and the Underwater Society of America Convention in Houston on August 19-21 can take advantage of this special flight. As seating capacity will be a problem the sponsoring group must have a fairly accurate estimate of the number of out of town divers interested in the flight. These reservations are open ONLY to persons attending both events.

Regular round trip fare is approximately \$50.00. However, the New Orleans group headed by Jay Albeanese and Roland Riviere Jr. hope to offer a considerable reduction in ticket price. A deposit will probably be required to reserve seats. For reservations write Dick Alba, 1518 Ocean Dr., Metairie, La.



FRED CALHOUN HONORED

At the fourth annual banquet and awards presentation of the Bay State Aqua Club, the second annual award for outstanding contributions to the sport of skin diving was presented to Frederick R. J. Calhoun, president of the South Shore Neptunes, Inc., and president of the Northeast Council of Skin Diving Clubs, Inc.



FISH, FISH and MORE FISH

By Louis Cuccia, Charlie Porreto and Marcie Alba

THAT'S WHAT is on the agenda for the New Orleans-Grand Isle Scuba Divers International this year. Sure, more than \$15,000 is being given in prizes again this year, but the six foot barracuda, the shark, the 500 pound Jewfish, lemons by the hundreds and 80 pound jack are the real prizes that await the serious diver this August 15, 16 and 17.

Tournament officials have added a special aggregate weight category that will please every spearfisherman who has faced the Tiger of the Sea—The Giant Barracuda. Louisiana State Wildlife and Fisheries Commission has proven that these predatory fish are an ever increasing menace to all game fish. The tremendous increase in grouper has allowed us to add another category for scuba divers to compete for in world-wide recognition.

Since May is the traditional deadline for vacation requests, we thought we would again mention that mid-August 1960 can be the most enjoyable week of the year for the enthusiastic diver. First you have the New Orleans-Grand Isle Scuba Divers International on August 15, 16 and 17, then you can join thousands of divers from throughout the entire United States in the second phase of this "Divers" week by attending the annual Convention of the Underwater Society of America at the Shamrock Hilton Hotel in Houston on August 19, 20 and 21. The close tie-in of these two events is offering you a chance to dive in some of the most remarkable water in the world, enjoy a southern vaca-

tion and then to attend a most important Convention where you can meet and discuss divers and diving to your hearts' content.

Air, boats, repairs and replacement of equipment facilities will be available on Grand Isle, La. during the Tournament. Already many registrations have come in, indicating to officials that registration will probably have to be limited. Never fear that your wife will be bored on this trip. If she is not the type to enjoy the scuba contest, but likes outdoor living, underwater submarine races are slated for entertainment along with surf bathing and sky diving exhibits. If she is interested in romantic New Orleans she will no doubt enjoy browsing through the Antique Shops that line famous Royal Street in the fabulous Vieux Carre. Your family can enjoy the lazy tour up river that the Steamer "President" takes every day up the muddy Mississippi River.

Of course, New Orleans night life speaks for itself, and our claim as "America's most Interesting City" certainly can be proven. So, register early, or send for registration blanks c/o New Orleans-Grand Isle Scuba Divers International, Inc., P.O. Box 127, New Orleans, La. "Come on in . . . The water's fine."

We have just received confirmation that the Underwater Society of America has recognized the New Orleans-Grand Isle Scuba Divers International Tournament as an "International Scuba Tournament", . . . and are we proud! ! ! !

Championships and Competitions

Since 1950

By Ralph Davis

JUNE 26TH 1960 will see the staging of the 11th National Amateur Underwater Spearfishing Championships.

Sponsored by the Competitive Skin Diving Association, Inc., of the Greater Los Angeles Council of Diving Clubs, the event will be actively supported by the Laguna Beach Jr. Chamber of Commerce and the Underwater Society of America under amnesty from the A.A.U.

This will be the first time since 1952 that a National Championship has been held at Laguna Beach, California.

To those who first saw this facet of competitive skin diving wet its feet on October 15, 1950, the holding of this event in Laguna Beach as a Land Based Championships will recall the names of several Clubs and the champions of the first three National events.

The Bottom Scratchers, the San Diego Mantas, the Snorkels and the first Champion Team from the Dolphins Club composed of Ken and Keith Kummerfeld and Compton Fireman Paul Hoss with Jim Auxier as relief diver. The 1951 winners from the Southern California Skin Divers Club, Charles Sturgill, Fred Kettles and Bud Abernathy. Pat O'Malley, Marty Altman and Bill Hazen of the Sea Downers as National Champions in 1952 with Commander Francis Fane up from the Coronado Naval Base to dive with two of his U.D.T. Team.

The next Land Based National Championship did not occur until 1956 at Newport, Rhode Island and was sponsored by the Northeast Council. The 1956 Nationals was perhaps one of the most exciting since it took place during a hurricane with all the contestants battling their way through the booming breakers off the rocky coast.

The winners of this event were from the Long Beach Neptunes Team of Bob Manicki, Lee Jamison and Fireman Jim Christiansen who had won the Individual Aggregate at the first National Championships in 1950. Now it may seem that there is a purpose in mentioning firemen and I assure you

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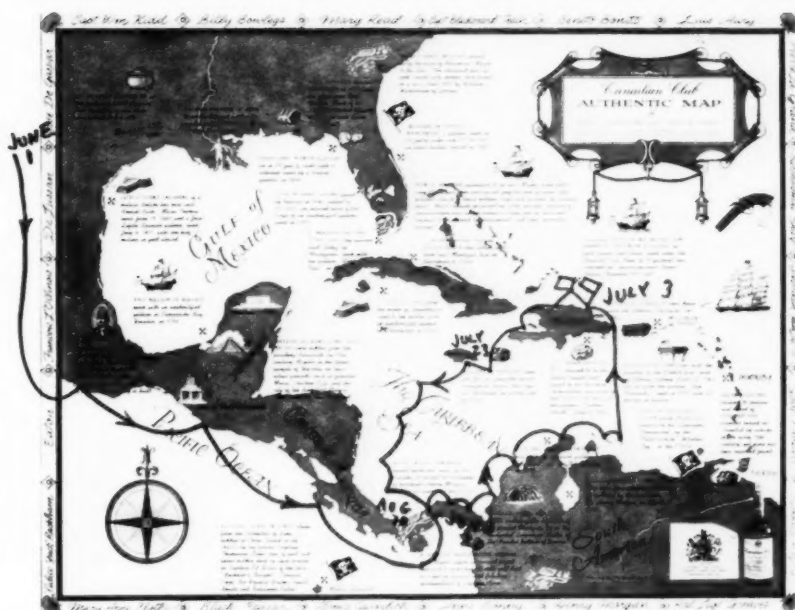
Golden Doubloon Leaves For Caribbean Treasure

Leaving the first of June on a treasure seeking holiday in the Caribbean aboard the 65 foot motor cruiser Golden Doubloon will be Mel and Delores Fisher of Mel's Aqua Shop, Redondo Beach, Calif., with a party of enthused treasure hunters.

The sea going treasure hunt will take the group to three main locations, each rich in pirate lore. The Doubloon will anchor off South America between Panama and Maracaibo where 15 Spanish galleons are believed sunken with an estimated one to nine million in treasures on each.

The Silver Shoals in the Dominican Republic is the second main stop for the group. Here a dozen galleons were believed dashed against the rocks and sunk, carrying millions to their watery grave. Port Royal, Jamaica, infamous pirate headquarters, is stop number three. The divers hope to recover some of the bounty that sank with the ill-fated city in an earthquake.

The Golden Doubloon will be loaded with \$250,000 in newly designed electronic gear to aid in the search including a fiberglass electronic submarine.



Proposed route of the "Golden Doubloon" starting in Los Angeles on June 1 . . . down the coast south to the Panama Canal and then into the treasure laden Caribbean. Below Mel Fisher looks at some of the many metal objects that have been discovered by the electronic locating devices on the Doubloon during her test runs off the Southern California coast.

there is. Did you know that three of the five men that represented the United States in Malta at the 1959 World Championships were firemen? Did you know that two of the three men on the 1959 National Champion Team are Miami Firemen Don DelMonico and Paul Damman? This, of course, makes us wonder what the affinity is between firemen and water. It is true that firemen do many things with water but here we have a number of firemen who excel underwater.

In speaking of firemen and our National Champion Team from Miami, it should be of interest to know that firemen are going underwater to fight fire.

On April 25, 1960 a special drill was held in San Pedro Harbor to explore the possibilities of sending skin divers with self contained breathing apparatus underwater beneath the docks to get at the heart of inaccessible pilings and piers at extensive waterfront fires.

To the writer's knowledge this is the first time that underwater attack on fires at harbor facilities has gone beyond the talking stage.

A final word on the Miami Beach Skin Divers defending their National Championship on the West Coast. Most columnists find it difficult to avoid predicting winners. However, a review of the past can lead us away from "you guessed wrong."

1955 East won in the West.

1956 West won in the East.

1958 West won in the East.

Since 1954 not a single host country has ever won on their own home grounds at a World Championship.

Stick that in your snorkel and swallow.





The smiling and proud faces and the large catch are only an invitation to you to come early to the convention in Houston and take in the International Scuba Tournament at Grand Island, Louisiana.

You are there in . . .

HOUSTON

. . . FOR THE ANNUAL CONVENTION OF THE UNDERWATER SOCIETY OF AMERICA

Houston divers are preparing their best "ten gallon" hospitality for convention delegates and families for the entire duration of the three-day conclave of the nation's diving leaders (August 19-20-21). Come prepared for business and underwater fun with the "Southwest."



Shamrock Hilton Pool will lure you during the leisure hours. While the convention is in progress and the business meetings are going on this is where you'll find the ladies.



Sam Houston, father of Texas, points the way to the National Convention of the Underwater Society of America.

By George A. Youmans

President
Southwest Council of Skin Diving Clubs



Convention Site, Shamrock Hilton—Houston.



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THE MED'S THE PLACE

(Cont. from Pg. 41)

quickly from the sea) and magnificent underwater scenery, ranging from the mud in the harbor through sand, eel grass, rock, to huge caves at 140 feet. Flora—gorgonia—not many seaweeds, but beautiful 'sea roses' and I'm not sure whether they are plant or animal.

Fauna—Merou or grouper—up to at least 100 lbs, if you can get near them. Octopi—all sizes, cooked in the kitchen for you—coal fish, saupe, others I can't remember the names of, and myriads of the wee wee fish and the other very important living cratur, coral.

The semi-precious red coral is one of the most sought after treasures at the Village. The girls beg it from you—you can always charge certain services—and wear it round their necks on fine line.

One can collect a bagful in a dive if you know what to look for. A black branch growing upside down under a rock. This coral is worth quite a skelp of dollars!—and if you have a jeweler friend—a wealth of necklaces and earrings are yours.

I was offered \$40 by a local Italian for ONE branch I got—I wonder how much I could have sold it for in Rome?

So, Boys; any of you contemplating coming to Europe to go diving, think of the Club Mediterranée. Address Rue de la Bourse, Paris, or, 130 Kensington High Street, London. ✎

WOMEN'S CHAMPIONSHIP — June 26



Toby Schreiber, Helen Eckess, Lillian Kemble and Judy Stewart, all of California, have been in training in the clear blue Pacific waters for the Women's National Underwater Spearfishing championship to be held June 26, 1960. The National defending champions, Palm Beach Fin Divers, Alma Beck and Ruth Cook, will arrive by air from Florida to defend their title. Council competitions have been held throughout the United States and first place teams are cordially invited to vie for honors. Greater Los Angeles Council hostesses will be on hand to take teams arriving in advance to the diving area, and other points of interest. Grab your spearguns and head for Laguna Beach... this will be the best Women's Nationals event yet!!

WHERE ARE YOU?

MISS INTERNATIONAL BEACH TEMPTRESS

Well, you're *somewhere*—undiscovered and making your locality a gladder place by virtue of your charm and beauty. We hope to be able to bring a few material goodies and some national (maybe even international) attention into your life. We can only do this if you, or someone you know, takes a good, clear photograph of you and submits it to SKIN DIVER Magazine.

These photographs *must* be five-inches by seven-inches in size. Eight by ten inches would be even better. And while the photos needn't be 100% professional jobs in order to qualify for judging, they should be clear enough to do a decent job of showing us exactly how nice looking you really are.

Each contest-entry-photo *must* be accompanied by a model-release-form signed by the girl in the picture submitted.

Sheer charm and beauty are what we're after. That plus an undeniably tempting quality! So then, honeypot, I don't care if you have red-eyes, purple locks and a complexion the color of a rusty cannon at ten fathoms. If you're a lovely number—I'll dig you as a qualified entrant.

Furthermore, the voting will be entirely left up to the staff of SDM, this year. I am disqualifying myself as a judge on the delightful grounds that I think almost *all* women are gorgeous, give or take a point—and this weakness makes for rough mental splashing when it comes to the important task of choosing *the* wench who is handed the Miss International Beach Temptress title.

The rules and conditions of the contest are simple:

(1) Submit a photograph of the loveliest girl you know. She must be clad in a bathing suit and the picture must be taken on the beach or water's edge.

(2) Submitted photo must be no smaller than 5 inches by 7 inches and in Black and White. No smaller pix will be considered for the contest.

(3) A release—signed by the girl in the photo submitted—must accompany each entry, and her complete name and address.

(4) Submit brief data regarding the girl's measurements, interests, activities and opinion of skin diving. Age mention optional.

(5) Credit the photographer fully, and give camera data.

(6) All entries must be received in *Skin Diver Magazine* offices no later than July 15, 1960, this is the absolute closing date for the contest.

(7) The winning contestant's photograph will be announced and reproduced (full page) in the September 1960 issue of SDM.

(8) Winning contestant will receive, in addition to the full page photo in the magazine, a crisp \$100 dollar bill by registered mail.

(9) Photographs to be addressed to: "Miss International Beach Temptress Contest," Skin Diver Magazine, Lynwood, California.

One word of firm warning to that particular breed of coy parenthood who submit a shot of their 3-year-old daughter to a contest of this nature: This clambake is for the likes of big, grownup boys and girls who are interested only in the adult approach to this kind of nonsense. Send me a fetching photo of your infant heiress and you have my solemn, snarling word on it that—this year—I shall not take the trouble to return it to you.

You may begin submitting contest photos at once. Somewhere, our 1960 winner is waiting to be found, adored and lavishly gifted.

Whomever you are, bunnyduck, you have my best wishes and my lecherous appreciation for what you are scheduled to add to the skin diving scene in the way of providing all of us sea wolves with yet another Miss International Beach Temptress.

Carl Kohler

Personality Spotlight

By CONNIE JOHNSON

GIL GILLESPIE

from material by FINAS JONES

MASTER DIVER GIL GILLESPIE of Baton Rouge, Louisiana, covers a lot of territory in the Gulf Coast area. While most of his work is done in the Gulf, his services are often needed in the nearby Mississippi River with its numerous vessels and teeming ports. Gil may be called to inspect the pilings for a new dock or repair the water intake screen for a waterfront plant. On several occasions, he has had to cut a cable which had fouled the propeller of a tugboat. He has also salvaged many barges which have sunk in the river and recovered their valuable cargoes of crude oil.

Most of his jobs in the Gulf deal with offshore oil drilling rigs. Gillespie is on 24-hour call to all the major oil companies having offshore installations. Whenever one of these gigantic drilling rigs is moved to a new location, a diver is on hand to make a preliminary bottom inspection. He must make sure that no obstruction such as an abandoned anchor is below to pierce the hull of the drilling barge.

A frequent job is to repair an undersea pipeline. These pipelines form a vast network carrying the oil to the mainland. When one of them sprouts a leak, the whole area stops pumping until it is repaired. That is one reason a good marine diver is worth his weight in gold to the coastal drillers.

On large jobs, Gil serves as diving contractor, planning the operation and directing the other divers in addition to diving himself. Like many another man, Gillespie got into his profession by chance. Raised in the lumbering belt in Louisiana, he seldom went near the coast. While serving with the Army Engineers in the South Pacific during World War II, he volunteered for the newly formed Amphibian Command, the army version of the frogman program. During his tour, he did everything from underwater construction to the hazardous combat duty of clearing mine fields for Allied invasions.

Following the war, Gillespie worked for his father's lumber company in Baton Rouge. Before long, however, the walls began to close in and he returned to diving. He headed for the west coast where he started commercial diving. He did a lot of diving for abalone, using the old hardhat gear. With the increase of offshore drilling in the Gulf, Gil moved back to Baton Rouge. He has worked the Louisiana area since then, chalking up a total of 11 years diving experience.

Probably the busiest time Gillespie ever had was after Hurricane Audrey struck the coast of Louisiana three years ago. For 30 days he worked in the marshes and bays, salvaging damaged oil rigs. Aside from the risks inherent in that job, his task was further complicated in that the waters teemed with snakes, alligators and other animals escaping the tidal wave of salt water.

One of the top marine divers in the Gulf region, Gil receives \$125 a day for his services. Out of this he pays his helper's wage and a high insurance premium. For an extremely difficult assignment the fee would be double. He maintains his profession is not unusually hazardous, but insurance companies share a different opinion. It is difficult to obtain insurance and the premiums usually cost about \$13 per working day.

There are four grades in professional diving. The Master Diver's license that Gil holds is attained only after ten years professional experience.

Between diving jobs, he's a do-it-yourself man around home and is quite an amateur carpenter and painter. A lot of his time is spent maintaining his equipment so vital to his job. He owns about \$8,000 in diving gear and special underwater tools.

A respected member of the diving fraternity, Gil is vice-president of the Gulf Coast Marine Diver's Association, a professional organization. Most of Gil's non-professional activities are related to diving, too. He serves as instructor to the Rebel Divers, a local skin diving group, and is technical advisor to the Underwater Rescue Unit of the Sheriff's Department.



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Perky Diver Dione Groves of Redondo Beach shows how it will be done during the 1960 Neptune Days Marinarama Skin Diving Treasure Hunt, June 18 and 19, as she retrieves a chip from the waters inside the Horseshoe pier at Redondo.

Redondo Beach Marinarama June 17-26

Redondo Beach Chamber of Commerce will sponsor Southern California's most complete marine events program June 17-26. The Neptune Days Marinarama celebration has been held for the past six years. This year many new events have been added.

Some of the events included as part of the ten-day program are: over-the-water Marine Show, seventh running of the Neptune Days outboard and water ski races, Western Regional Penguin Sailboat races, skin diving treasure hunt, iron man races, fishing derbies, in-the-water boat parade, art show, nautical dance, carnival, etc.

The skin diving treasure hunt chairman, Bob Meistrell of Dive N' Surf expects hundreds of divers for the event. Two members of the Nevada Desert Divers Club of Reno, Gary Herman and Phillip Buttolph, visited Redondo to investigate the treasure hunt site and plan to return with ten more divers for the event.

The divers will retrieve marked chips from the middle of Horseshoe Pier. Diving prizes will be awarded each day's winner. Entry blanks may be obtained from Dive N' Surf or the Redondo Beach Chamber of Commerce.

Three lucky spectators at the June 26 Over-the-water Marine Show will have a boat when they leave. A completely rigged sailing dinghy and two rowing dinghies will be awarded three ticket holders.

The ten-day program is themed for the water interested family.



A look at the area which will hold the elusive chips worth many valuable merchandise prizes for the 1960 Neptune Days Marinarama Skin Diving Treasure Hunt June 18 and 19 in Redondo Beach, California. During the hunt much of the water is expected to be 35 feet deep. The surf washed sand will make the discovery of chips difficult.

JR. FIN FANS (Continued from Page 53)

the intensive Scuba program. Post #17 believes itself to be the first Scuba Explorer Post in America.

Headed by Ed Tremble, Advisor, and Frank Collins, Assistant Advisor, the boys learn first hand about underwater communication, tides and currents, use of spear guns, poisonous marine animals, rescue in kelp and depth dives.

A Post Merit Badge is given at the end of the training period. Temporarily, the badge used is a silver figure of a Scuba diver. It is hoped that official Merit Badges will be designed and issued later on by Scout Headquarters in Washington D. C.

Besides their regular diving activities, many of the current members are pursuing their own special interests. Larry Winn makes beautiful shell lamps depicting underwater scenes, as a hobby. Glenn Olbert is planning a career in oceanography. Johnny Guildner and Bert Patterson hope to join the Navy Underwater Demolition Teams. One of the graduates has already opened his own diving shop.

The current big project is keeping Post #17 plenty busy. They're building an underwater sled to aid in their search for sunken aircraft. They already have a map which pin points the location of lost planes—including the whereabouts of two Navy helicopters.

The boys have just one more desire. They wish they had more Scuba Scout competitors — and they're hopeful the Girl Scouts will take the hint.

SCUBA SCOUT TIPS FOR JUNIOR DIVERS

1. Take every opportunity to develop swimming skills.
2. Learn First Aid and Lifesaving.
3. Join a Boy Scout Explorer Unit, which offers skin diving, when you're 14.
4. Help form a Scuba group when you're 16.

Don't forget, if you follow the rules, you'll graduate with honors and have friends aplenty—for Scuba Scouting offers fine training and "Buddies By the Boatload".

UNSUNG HEROS OF

DIVING HISTORY

#1

Scattered here and there throughout the dramatic pages of Diving History are numerous, lurid personalities whose important contributions to the sport have sadly gone unnoticed and unlauded. Here, then, for the first time, is recognition presented to these intrepid pioneers for having widened (if not actually impaired) the scope of the skin diving sport as we know it today. . . .



LOTHAR PREEPLY . . . possibly diving's most outstanding rebel who steadfastly maintained that the most important and most ignored aspect of skin diving was the practice of taking light nourishment and an extended nap (PREEPLY insisted any period under four hours could not be considered sufficient rest) between dives.

ONCE UPON A TIME

(Continued from Page 26)

ship slowed down and a three pounder came aboard. He was fastened on a larger hook and a $\frac{1}{8}$ " nylon hand line. We all laughed at this and kidded Alabama about fishing for sharks. Suddenly the line started out and it was all two men could do to hold it... we stopped laughing. After quite a struggle they pulled in a 53 pound Mangrove Snapper! While Alabama was posing with it for pictures one of the fellows consulted the record book and found that the world's record for this fish was only 44 pounds. And what did our hero do with his record catch? He went below to look for some larger line muttering that he was interested in catching the fish that ate these things.

Another guy that fascinated the more experienced divers was the "hunter." This chap always had his huge spear gun with him in the water and shot at everything that moved. Fortunately for the fauna he would usually shoot from ten to twelve feet and never, to our knowledge, hit

anything. He was a lot of fun to watch.

We shall remember, too, the "snorkler", who always wore his scuba, even in six feet of water, and never ventured more than six inches from the surface. This intrepid soul would suddenly be found climbing your back when a shark or barracuda would come in sight.

In general there is one big difference with skin diving groups... when someone shouts, "Shark", almost everyone jumps into the water to see it. We saw quite a few... we made their lives miserable. We chased them, poked at them, shot at them, and took pictures of them.

Shipwreck

After six days of miserable food, bad relations with the crew, no water for showers, tossing sweating nights in our bunks, and so forth, we were ripe for the capping blow. It was 2:30 a.m. and most of us were fitfully sleeping when suddenly there was a bumping, grinding crash!

To the Keys ON A RAFT

(Continued from Page 45)

Caesars' Creek. Legend has it that Black Caesar used this ring to attach a cable and careen his ship so that those searching for him at sea could not see his masts. These is also a story of treasure buried on Elliot Key that has been partially recovered. If so, it is well protected by mangroves, palmetto thickets, and mosquitos. All this within sight of the lights of Miami!

On our last weekend, three of our friends came across the Bay in a small boat to spend Saturday and Sunday with us. These buddies, and I do mean buddies; Murray Schrier, Bob Bankert, and John Peterson, brought along a cold case of beer! They braved the bugs and stayed on shore under netting, and during the day dived with us. John

Peterson had the unfortunate experience of rupturing his ear drum when diving about twenty feet. You can imagine his dismay at sitting out the rest of the weekend as a spectator!

The trip home was fairly uneventful as our supplies were down to the point where we no longer needed the tow raft, and two motors were working fairly constantly. By the end of the week our raft was a glorious thing to behold, with clothing and towels drying on lines, inner tubes piled on top, the canvas frame broken in one spot and wires and ropes tied all over, holding the top together. As we came into Bayfront Park, quite a few people came down to the dock to see this monstrosity.

During last summer we kept the raft on a private beach. During a storm and high tide last November, it was caught by the waves and broken up on the rocks.

We are going again this year, and are looking for a suitable craft. We certainly had the best diving experiences of our lives! »»

Everyone poured out on deck to see what had happened. As the clouds broke occasionally to let the bright moonlight through we could see breakers on all sides of us and a sandy beach ahead. We had run up on a coral reef!

It took a good half hour of backing and jockeying before we were back in deep water where we could drop anchor and wait for morning to see what damage had been done. What had happened? Well, according to the passenger who was at the wheel, the captain had gone to bed, the first mate, who was supposed to be on duty, was off visiting his gal friend below decks. This left a 16 year old passenger all alone to steer the ship. Further, the mate had miscalculated the course by about two degrees and the error had put us into a small bay instead of going just past the point.

When morning came we found out how fantastically lucky we had been. We had gone right between several large rocks which, had we hit them, would have crushed in our bow, killing several of the passengers sleeping up forward, and sunk us in over 50 feet of water. It would have been almost impossible for even the best swimmers to get to shore over the razor sharp coral at night through the heavy breakers. We were very fortunate.

Though the bottom of the ship was badly scraped and the keel shredded, there were no leaks. The propellers were folded up like closed buttercups. Three of our best divers put on their scuba and worked with huge wrenches until they straightened out the blades of one prop enough for us to limp to a port.

While the props and shafts were being ironed out enough to get us back to Miasma we spent three days listlessly diving in the colorless and featureless waters of Man-O-War Cay. The 225 mile shuddering, quivering, shaking trip back was another two days of torture.

The captain, rather than offering to return some of our money since we'd contracted for a ten day diving trip and gotten only six days of it, wanted to charge us for the extra day it took getting back with the crippled ship plus the damages to the ship since a passenger was steering when the accident happened. When he saw that a lynch mob was forming he decided to call it even.

The jolly craft (since rechristened) is ready for another memorable trip, complete with the same intelligent and alert skipper. Wouldn't you like to take a mythical skin diving trip to the Bahamas this year so you, too, can write an interesting fiction story when you return? »»

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Bermuda underwater photographer's paradise. Sea fern, coral, and grunts combine to make a submarine seascape that surpasses in brilliance and romance any pastoral scene from the "old masters."—Photo by Al Deneau.

DIVERS FLAG

Detroit Bubblers Diving Club on who was first to use the Divers Flag in a club emblem. Right here I'm going out on a limb to establish the claim that the first club in the world to use the flag in their emblem was the Schenectady County Civil Defense Rescue Diver Unit . . . in March 1958.



The December 1959 "Spearfishing Spotlight," published in Australia, advertised the Divers Flag. L'Aventure Sous Marin copied my SDM article on suggested methods of flying the flag on a float. The flag has appeared in several National Geographic Magazines. Looking through dozens of foreign publications here in the "Skin Diver" offices, the number of references to the flag vividly demonstrates how remarkably far the first little ripples back in 1957 have grown and carried the Divers Flag to the farthest corners of the earth.

The wide mesh of the net of time has sifted out some basic suggestions for the use of the flag. Some early ideas slipped through the mesh. Gone is the notion that the flag can be used as an anchored marker of the day's diving area in a channel. Much pressure by boaters and far thinking divers has squelched this unintentional blocking of ship and boat channels. Bill Barada's excellent article (SDM February 1960) "Legislation Can Be A Booby Trap" mentions the very real possibilities of "Divers Keep Out" laws resulting from congregating flags blocking a channel.

Also gone along with so called "buddy lines" (tying two divers together with a short rope), is the inflexibly prescribed "flag for each and every diver." Out on the open sea a mast-head flag is usually sufficient. Another original concept was the sacred use of the Divers Flag only to

(Continued from Page 11)

be used while actively diving. The flag flying over a diving supply shop or meeting place has become common. It is even used as an automobile radio aerial ornament. Sweaters and jackets sometimes resemble the flag. General usage has resulted in the following suggestions:

1. The flag to be 4 units high by 5 units wide, having a transverse white stripe of no more than 1 unit width. The stripe should travel from top left to bottom right. The background color to be orange-red.
2. Divers Flag on a centrally located movable float as a surfacing point for three or four divers.
3. Recommended that 100 feet radius be the "boat keep clear" area.
4. Temporary markers of a diving meet water area . . . away from boat routes.
5. A rule of thumb that the flag be one inch long for every foot of length of the boat flying the flag (minimum of 14").
6. Recommend that minimum size of (diver towed) float Divers Flag be 14" long horizontally.
7. Although many boats fly the Divers Flag as a personal pennant, it has been urged that the flag be lowered when the boat is anchored . . . unless diving is in progress.
8. Since our flag symbolizes our sport, many clubs and councils agree that it can identify divers with good sportsmanship. The flag bobbing in the wrong places could be bad public relations.

Several devices for flying the flag are available on the market. Some consist of a staff through a foam plastic float. One recent make has a hollow staff that floats upright. Others clamp to a tube or float. There are many types of boards or rafts with built-in flags. A red lobster bag now has a white stripe. The Divers Flag adds sparkle to men's and women's skin diving jewelry.

A couple thousand years ago the flag idea started with an enemy's head stuck on the end of a spear. Symbols like a stuffed eagle supplanted the more perishable souvenir. Flags that indicated nationality, organizations, or communicated signals arrived next. We can take great pride in the fact that our Divers Flag has become a world-wide recognized emblem of a sport that has done much to foster the brotherhood of nations. ➤

DELINQUENT LEXICON OF DIVING TERMINOLOGY

By Judy Joye

- Bottom-Time**
Length or duration of a dive; period of time one just sits
- Scuba**
Cry of the hip diver, as in "Scuba Duba, Daddy-O"
- Sand Bar**
Beach tavern
- Squeeze**
Road sign. Usually found near soft shoulders
- Night Crawler**
Common bait; hmmmm!
- Drip**
Adjective for one who is all wet; also means "a schmuck"
- Galleon**
Unit of measure
- Free Dive**
Crazy restaurant
- Weight Belt**
Rare, for tape-measure
- Bathosphere**
Round tub made in Ireland
- Skin Diving**
Art of slumming in the nude
- Boyle**
A carbuncle
- Hawaiian Sling**
Intoxicating beverage originally from Singapore
- UDT**
Abbr.—untrue diving tale
- Exposure Suit**
Legal action brought against an exhibitionist
- Davenport**
Important harbor in the Islands of Daven
- Watermanship**
Boat owned by a fountain pen company
- Kelp**
Cry for assistance
- Marina**
Fem. for a marine
- Haddock**
Severe cranial pain
- Smelt**
Past-tense of the verb to smell
- Flounder**
Drunken phrase for the discovery of a female
- Hammerhead Shark**
Piscine species of vertebrate accustomed to beating his brains out
- Ugh!**
Exclamation made after reading the above ➤



By: J

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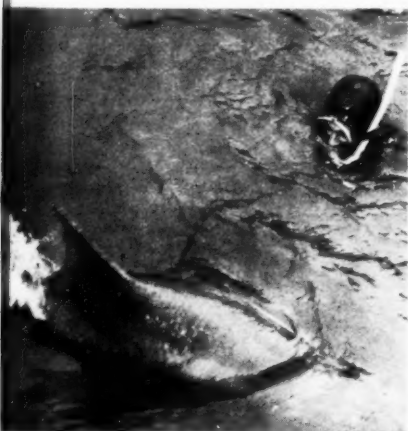


By: Joe Birkbeck

412 Harrington Road
Havertown, Pennsylvania

At the time this issue of "Skin Diver Magazine" is in print the first Annual Convention of the Middle Atlantic Underwater Council is in progress. Many plaudits are in order for the Depth Chargers of Philadelphia for undertaking this gigantic task of bringing to the divers of the Middle Atlantic states their first diving convention. A complete report will be included in the next issue of "Skin Diver" in case you were unfortunate not to have been in attendance.

Despite cold weather, member clubs have been extremely active during the winter months and the Underwater Explorers Club has been no exception as the accompanying photo will attest. Capt. Starn's pier ran into a bit of difficulty with five porpoise that had become attached to their exhibit area. They refused to leave when cold



weather arrived. Members of the Underwater Explorers adopted the domesticated porpoise and cared for them throughout the winter, administering vitamins, exercise, etc.

Patterned after the Council-wide contest sponsored annually by the Underwater Explorers Club, the first indoor spearfishing contest was held on January 23rd by the Delaware Underwater Swim Club at the YMCA pool in Wilmington. This new activity provided a welcomed interlude between diving seasons with thirty-four divers participating in the three-hour tourney. Eugene "Chip" Cooper captured top honors by winning the sling event and the aggregate trophy.

New officers elected for 1960 by the Delaware Underwater Swim Club were Rick Palmer, president; Doug Ruthardt, internal vice-president; Ted Ritchie, external vice-president; Sandi Bradley, secretary, and Chip Cooper, treasurer.

The M.A.U.C. also had the opportunity of welcoming to its membership the Chartiers Valley Scuba Divers, Pittsburgh, Penna., and its newly elected officers Clifford Shorts, president; Gene Taschette, vice-president; Howard Cumler, secretary; Charles Hilliard, treasurer; and Ray Links, safety officer.

In addition to frequent club dives in the Allegheny River and various dams in the Pittsburgh area seven members of the Chartiers Club dived in the Gulf of Mexico off Bradenton, Florida. The club meets on the first and third Wednesdays of each month at the Allegheny Branch YMCA, in Pittsburgh, Penna., and would like to hear from any interested divers. Address all correspondence to—Chartiers Valley Scuba Divers, care of Howard Cumler, 2950 Mattern Ave., Pittsburgh, Penna.

All M.A.U.C. divers are reminded of the individual open spearfishing contest to be held in Lewes, Delaware, on May 6-7, 1960. For further information concerning this contest contact your club president or myself.

SOUTHEAST COUNCIL OF SKIN DIVING CLUBS

By BUD COX

P. O. Box 42543
Miami, Florida

The greater Miami area was drenched with 8.05 inches of rain within 24 hours. This was the weather status for the 1960 Alan M. Riddle Memorial Spearfishing Tournament and the weather overshadowed even the upset victory scored by the University of Miami Sea Devils over the 1959 national champs, the Miami Skin Divers.

The five-hour tournament began under rainy skies with 15 teams launching into moderately rough seas to be pelted by occasional showers which turned a full-blown storm after four hours and the last hour of the contest most of the boats groped their way toward shore through blinding sheets of rain. The last boat to reach shore contained the first place Sea Devils who had been navigating on instruments for two hours trying to find land.

The Sea Devils topped the contest by accumulating seven points in the grouper class, four points for jacks, six in the snapper category and four marks in cudas for a total of 21 points. The Miami Skin Divers placed with 19 points and the Aqua Jets of West Palm Beach took the show position with 17 points. The point system under which Southeast Council contests are conducted allows six points for the heaviest fish in each class, five points for the next largest, etc., to the sixth heaviest fish which is worth one point. Classes of fish are grouper, jack, snapper and barracuda.

The Sea Devils team of Don Nelson, Otto Hasse and Marton Roessler speared most of their points on the north end of Triumph Reef and Nelson reports their 35 pound grouper was holed up 25 feet back in a cave on the 40 foot deep ledge. After the fish was shot it was necessary to swim into the cave, pull the struggling fish free of the cave and return to the surface in one dive.

The second place Miami Skin Divers, Don Del Monico, Paul Damman and Eugene Shinn have a luckless record in this event, although they have won every other team laurel in the country including Florida State Championships, Southeastern Regional Championships and the 1959 National Championship Contest. The 1959 Miami Open Tournament (which is now the Alan Riddle Tournament) was won by the Miami Spearman with the Miami Skin Divers coming in a close second.

The 1960 third place Aqua Jets (Bob Rowe, Paul Baynes and Sam Hunt) gathered 11 points in the cuda class and brought in a 27 pound jack which took tops in that class to give them a total of 17 points. The Aqua Jets club is one of the latest to join the Southeast Council of Skin Diving Clubs and this is their first SEC contest. The Homestead AFB Gators Team No. Two (Moore, Brazee, Zrudsky) finished fourth with the Miami Black Fins (Kearns, Slack, Simpson) holding down fifth place and the Miami Makos (McCabe, Hudson, Cox) sixth.

The Alan Riddle Tournament was so named, as the resolution states, because: "Alan M. Riddle was drowned on June 23, 1959, while diving alone in a rockpit in South Miami, Florida. Alan Riddle was an excellent skin diver, superb spearfisherman and wonderful sportsman and it is hoped that his story shall be known to all skin divers so that they may know the dangers of diving alone, therefore, be it resolved that the published results of this tournament shall contain his story."

The 1960 tournament was financially sponsored by the Skin Divers Aquarium, Inc., with Sam Dart handling the presentation. Meet Manager was Steve Conner of the Palm Beach Fin Divers with Fin Diver Dean Drake acting as weighmaster.

Northeast Council Presidential Message

As most of you know, the Northeast Council of Skin Diving Clubs, Inc. sponsored the First National Skin Diver's Convention at Boston, Mass. in February of 1959. As a result of this Convention the Council was plunged \$3,000.00 in debt.

Since that time we have struggled through legal suits, attachments and other threatening catastrophes to keep our "heads above water" and our proud Council together.

Through the dedicated efforts of a group of loyal supporters we have succeeded in these struggles and have raised ourselves back to a position of prestige and confidence for the future.

However, besides loyal and dedicated supporters, we need good hard cash. During the past 12 months we have been paying off this deficit with nickels, dimes and dollars until we have cut it down to \$1950. We still have a long way to go, but if the present strength of the Council's growing membership and the attendance at tournaments is any indication of support, then we may well have this Convention deficit stigma erased forever from the records of the Northeast Council within a year.

At each tournament a small raffle of diving gear shall be conducted, the proceeds of which shall be deposited in the Convention Deficit Fund. It will be a small contribution, but still a big step closer to our inevitable goal—the complete obliteration of the Convention Deficit Fund. Do what you can to help.

PLAY IT SAFE WITH AQUA-TEMP

Know your water temperature
before you dive!

Aqua-Temp accurately measures water temperature as well as depth. A scientific, electronic instrument that shows cold water strata and temperature variations. Special Skin Diving Model with 100 ft. reel

With 200 ft. reel **\$28.50** Standard model with 40 ft. reel... **\$19.50**
(Prices Prepaid, No c.o.d.'s please.)
EVERY DIVING CLUB SHOULD HAVE ONE!

PLUS This Extra Feature!
**A PRECISION TEMPERATURE AND
DEPTH INDICATOR FOR SCIENTIFIC
FISHING!**

Takes guesswork out of fishing. Originated by guides to locate fish. Electronically measures water temperature. Pinpoints depths at which fish are most likely to be feeding and caught! (Bass, 68"; walleyes, 62"; perch, 65"; brook trout, 59") 100 and 200 ft. reels available for deep fishing. Skin Diving, Prepaid (no c.o.d.'s please)

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By
C. K. "Rusty" Sherrill
4104 33rd Street South
Arlington 6, Virginia

ATLANTIC SKIN DIVING COUNCIL

Plans are now being completed for the Atlantic Skin Diving Council's Annual General Meeting and Convention. The big event will be held September 10 and 11, 1960. In addition to electing new officers for 1961, and conducting the usual Council business, there will be a massive equipment display, several underwater movies, a banquet dinner to introduce the newly elected officers to the membership. For the wives and girl friends there will be sight-seeing tours conducted by local Council members, and a baby sitting agency available for members desiring this service. All independent skin divers and skin diving clubs are cordially invited to attend. Full information on reservations and schedule of activities planned are available from John R. Stewart, Jr., Director of Registrations for the Convention. Just drop a card, to his attention, for this information.

A hearty welcome to the following new affiliated clubs. It goes without saying we are delighted to have them as members: Blue Dolphin Skin Divers, 1825 West 21st Street, Erie, Pennsylvania; Golden Triangle Sharks, 917 Kirkbride Street, Pittsburgh, Pennsylvania; Argonauts Divers, Akron, Ohio, and Sea Dragons Skin Diving Club, 808 Williams Street, Jacksonville, North Carolina.

With the Spring Rodeo just around the corner all Council members are standing by for the big day. Thanks to the efforts of Fred Willcutt this will be one of the biggest and best Spring Rodeos in the history of the Council.

The Fathoms Skin Diving Club of Fayetteville, North Carolina, recently assisted local and county rescue units in recovering the body of a 15-year-old drowning victim. The search ended nearly eleven hours after

the accident. On April 2 the Fathoms held a dinner to officially open their 1960 diving season.

The Sea Dragons Skin Diving Club of Jacksonville, North Carolina, reports that three of their members appeared on WITN Television Washington, North Carolina, on March 25 to discuss diving on the Sportsman Almanac program. Various types of equipment were displayed and explained and it offered a wonderful opportunity to create more interest in our sport and to improve relations among local fishermen and divers. The Sea Dragons have been invited to return for another program later in the summer.

At the last Board meeting Dick Seron was appointed as special assistant to the Chairman and Bill Kibler accepted the appointment as Associate Director of the Atlantic Skin Diving Council's Rescue Team. Our congratulations to both of these gentlemen.

Shirley DeCarter has announced that plans for a Southern Regional convention in North Carolina are being planned. Preliminary plans indicate that the convention will be held in August. The purpose of the meeting will be to improve relations between clubs and to set up events and contests for the North Carolina region of the Atlantic Skin Diving Council. Present arrangements indicate that a large display of the latest equipment will be on hand and the evening events will be highlighted by the movie "Silent World" and a slide show relating the Council's activities. Full information may be obtained by writing Shirley DeCarter, Southern Regional Director, Atlantic Skin Diving Council, 1047 Tammy Street, Fayetteville, North Carolina.

The Delmarva Scuba Divers of Salisbury, Maryland, are conducting First Aid Classes for their members in preparation for the current diving season. This group headed by Edgar C. Dryden is quite active on the eastern shore off Ocean City, Maryland. Any divers planning a vacation at Ocean City, can get full information on diving conditions just by dropping a card to the Council, attention Edgar C. Dryden, Eastern Regional Director.

Independent divers and clubs desiring to participate in the Atlantic Skin Diving Council activities will be more than welcome. For a complete schedule of all diving events for 1960—just drop a card to the Council.

NORTHEAST NOTES

By CAL CALHOUN

Northeast Council
of Skin Diving Clubs
P. O. Box 225
Fairhaven, Mass.



I was extremely honored by the North Shore Amphibians at a recent meeting with the presentation of an excellent underwater planing board. Divers in the Saugus area would do well to contact the North Shore Amphibians... this is a fine club to join.

Corresponding with our friends in the

Rhode Island Council has brought to view some disheartening news. Conditions exist between the organized diving groups and other marine interests which warrant caution. It had been our desire to run the Second New England Open Spearfishing Tournament in Rhode Island (excellent water for strippers). We informed John J. McAniff, President of the Rhode Island Council of our intentions... we received this reply, "... our Council will appreciate everything you can do to avoid holding any tournaments in Rhode Island waters...". "... in the best interests of the sport, not only in Rhode Island but also in the rest of New England, we sincerely hope for your cooperation." Our cooperation is small assistance indeed... we shall honor their request. As a step toward further cooperation I have this request to make of Northeast Council members... spearfishing trips to Rhode Island should be avoided, if it is absolutely necessary that you do go into Rhode Island, please contact John J. McAniff, 359 Walcott Avenue, Middletown, Rhode Island. Let him know who you are, the number in your party, and where you intend to dive. As McAniff has stated... cooperation is a necessity... it is our duty to respect the wishes of our friends.

Dates to remember . . . June 5, 1960, Northeast Council State Congress eliminations. Each Congress will conduct separate Spearfishing Tournaments on this day to determine the State Champions. June 12, 1960, Northeast Council Championship . . . the State Congress champions will compete for the privilege of representing the Northeast Council at the Underwater Society of America Championships to be held in California on June 26, 1960.

The Northeast Council Annual Awards Sponsorship Program, under the direction of Gerald F. Comeau, has blossomed into a fruitful tree. The following skin diving equipment dealers have contributed toward the program: Will Jacobs, So-Sho-Ne, Colonial Marine and Highland TV Divers Supply.

Those participating in the program donate \$25.00 toward the annual awards. For their cooperation they receive a plaque to display in their shop.

For the information of the Northeast Council member clubs. Where to write:

Maine: Maine Congress of the Northeast Council of Skin Diving Clubs, Inc. c/o Joe Gallant, Council Vice-President, 7 Roberts Street, Portland, Maine, SP 2-7518.

New Hampshire: New Hampshire Congress, c/o John Whelan, 24 Seabee Street, Bedford, New Hampshire, NA 5-8430.

Massachusetts: Massachusetts Congress, c/o Gerald F. Comeau, 6 Minot Street, Stoneham, Massachusetts, ST 6-2198W.

General: Northeast Council, c/o Dorothy Winnette, 49 Meadowbrook Rd., Westwood, Massachusetts, DA 6-0597.

President: Frederick R. J. Calhoun, 35 Lonsdale St., Dorchester, Massachusetts, AV 2-5818.

Divers and clubs desiring Council affiliation should contact their respective State Congress . . . the Northeast Council's brochure will be mailed immediately.

Spurred by the actions of the Council, several hundred people—divers and non-divers alike—deluged the members of the Town Board with letters and telegrams opposing these measures. At the open meeting of the Town Board in March, the Council retained an attorney to present their objections. Noted authorities such as James Dugan, famous author and oceanographer, and Dr. Carlton Ray, assistant director of the New York Aquarium, spoke at the Council's request.

Impressed by the far-flung coordinating efforts of the Empire State Underwater Council, the Board requested the Council to mediate with the boat owners association for a joint recommendation. Despite their contention that any such town ordinances governing Atlantic waters were unconstitutional, the Council none the less proceeded to compromise in many areas. The boat men refused any compromise and still maintain their initial intent to leave the Montauk spearfishing enthusiast entirely high and dry.

Another Town Board meeting was scheduled to be held late this month (April) to present a new, but still highly infringing, set of regulations. The Empire State Underwater Council is prepared to contest the constitutionality of this ordinance through its legal counsel.

"Butch" Jones, son of the diving Joneses of Schenectady, with 75 lb. kedge anchor which he recovered from deep water in Lake George. His mother, Edwina, (an Empire State Council Director) dives to 170 feet. "Butch's" dad, Len Jones (N.Y. State Diver of the Year in 1958) holds many records. Len recovered body of small boy in Ballston Lake April 13th.

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By W. J. Curran & Herb Cutting
150-19 72 Drive
Kew Garden Hills 67, New York

Recent proposals by the Easthampton Town Board on Long Island have brought concerted action by the Empire State Underwater Council to bear in preserving their highly favored diving areas at Long Island's Montauk Point.

Montauk, the prime spearfishing area in this section of the country, became the focal point of a highly contested dispute when a number of charter boat fishermen influenced the Town Board to incorporate in their Waterways Ordinance a proviso barring spearfishing within areas easily accessible from the shore. To render spearfishing all but impossible, the charter men pushed for an anti-diver legislation which would bar spearfishing within 500 feet of public or private beaches, and within 1500 feet from the shore lines offering the finest fishing. This would permit only the boat men to fish the rocky blue-chip waters off the shore area.

The immediate response of the Council brought the situation before the public eye. Editorials in major New York newspapers challenged the fairness of such discriminative legislation. The local Easthampton newspaper also took exception to these arbitrary attempts to limit spearfishing.



Manhattan Skin Divers — Bronx — Reporter J. D. York—Although the weather is warming, the water is still cold. We have had a few divers in the water every weekend since February at such places as Sheephead Bay, Orchard Beach and East Rockaway Inlet. We use wet suits, dry with woolens and combination dry and wet.

At our April meeting we donated \$50.00 to the Council for the legal battle of the Montauk beaches. There were two openings on the executive board which were filled by Manna Penna and Charles Quigley. We also voted to join the Sportsman Council to improve diver relations with other sportsmen and help fight bills against spearfishing.

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By **JIM KEENEY**
415 Clifford Street
Detroit 26, Michigan

We would like to bring to your attention again the Second Annual M.S.D.C. Treasure Hunt at Higgins Lake on June 18 and 19, 1960. Over 100 divers competed last year for some very fine prizes consisting of the most modern in diving equipment—so don't forget to make plans now to attend!

The M.S.D.C. has just received word of plans being made by the Owen Sound Sub-Aqua Diving Club and the Owen Sound Chamber of Commerce to present the First Owen Sound International Skin Diving Festival. The date is Sept. 3-5, 1960. For information, please direct your inquiries to Owen Sound International Skin Diving Festival, c/o City Hall, Owen Sound, Ontario, Canada.

Another reminder to club instructors—send your lesson plans to Tom Sloan, so he may complete standardization of skin and scuba lessons as soon as possible.

The divers in Michigan are receiving more and more support from the law enforcement agencies regarding the penalizing of boaters who approach a divers float which is flying the Divers Flag. Divers should be reminded that in certain areas divers will be ticketed if they do not fly a



New MSDC officers are Bob Wisner, Jim Keeney, Ocie Arnold, (standing) Andy Griffing, Norm Swanger and Al Corn.

Divers Flag—remember that a lot of work went into the project of the Divers Flag—it is for your safety—fly the Divers Flag.

Al Corn, vice-president of the Ford Sea Horses, has been appointed special events chairman of M.S.D.C. for the coming year.

Congratulations to George Davis of the Seaway Scuba Divers who broke the depth record through the ice. George broke the old record set by Ed Murphy of 175 ft. when he went to 193 ft. at Elk Lake on March 19, 1960.

This month's Club of the Month is the well-known diving group—Treasure Unlimited. No matter what type of diving activity is going on in Michigan, you will always find T.U. well represented. T.U. is the oldest organized skin diving club in Michigan and one of the charter clubs of the M.S.D.C. Its officers are: Norm Swanger, president; Jerry Smith, vice-president; Cliff Wheeler, secretary; and Pete Myks, treasurer. Bob Pasanen is a board member along with the four officers. T.U. was originated in 1953 and at the present time carries over 95 members. They have, on various occasions, assisted the State Police on recovery chores. T.U. meets every second and fourth Thursday at St. Clair Recreation at 7:30 p.m. There is a swim and instruction session immediately after the business meetings.

Gasco Scubaneers—Detroit—Reporter Donna Schrantz—The Scubaneers annual election put into office Jim Keeney, president; Sam Andonian, vice-president; Dick Remnant, treasurer; and Donna Schrantz, corresponding secretary. Our technical advisor is Louis Torrice; Charles Gregory was elected safety director; and Ray Angerilli is our new M.S.D.C. representative.

The club wishes to take this opportunity to congratulate Jim Keeney for being awarded the Diver of the Year Trophy. This award is a well-deserved feather in Jim's cap and the Scubaneers are proud to be associated with a diver of his caliber.

Viking Diving Club—River Rouge—Reporter Fran Kelly—March 20 was successful for us as ten divers reached their qualified 100 ft. dive through almost 18 inches of ice at Mesa Day Lake. These divers were: Ron Budeaers, Robert Dewing, Art Evans, Pat Falandino, Jerry Kalfayvan, Red Kelly, Jan Rice, Jim MacGeorge, Ben Marclonis and Fran Kelly. Along with the Gasco Scubaneers was Charles Gregory, age 16, who also made his 100 feet.

Ford Sea Lancers—Dearborn—Reporter Bob McTaggart—The Ford Sea Lancers are now entering their fifth week of pool instruction and are progressing extremely well.

Our membership has now been topped off at 75. We are sorry we can't handle more and pleased that we have grown so rapidly. There will be cases of drop-outs, but a waiting list should keep the club at full strength.

Dexter Aquamarines—Dexter—Reporter Bob Schultz and Bill Lupper—Our club was formed in February, 1959, and we have 24 members on our active rolls. Meetings are held semi-monthly. Our most important achievement is the formation of an Underwater Recovery Team for the service of this county. Last summer we assisted in five recoveries.

As a club we have made several trips to Upper Michigan and Canada. We located an old steamship which was sunk in 1873 in Georgian Bay. A souvenir of this trip is part of its anchor chain.

CENTRAL CALIFORNIA COUNCIL OF DIVING CLUBS

By Marlene Strawn
15558 Wicks Blvd.
San Leandro, Calif.



The Southwest Pacific Coast Championships for competitive skin diving to be held Sunday, June 12, will be situated at historical Old Cannery Row in the Monterey Bay area. The fine flavors of romance of gay yesterdays will be savored by spectators and contestants alike as they are surrounded by an aura of fascinating charm enhanced and maintained by the Cannery Row Property Owners.

The staging area will be held in the parking lot adjoining the Outrigger Restaurant, and the contest will begin at 11 a.m., ending at 3 p.m.

At the recommendation of Del Wren, the Council has voted to join, and has applied for membership in the Underwater Society of America. In addition, Cen-Cal has become a member of the Point Reyes National Seashore Foundation, and recently sent a delegate to speak at a Senate hearing in favor of the project, which is aimed toward turning the now privately owned Pt. Reyes properties into a National Park, concentrating on water sports.

John Tahti of the Northern California Skin Divers Club, and past president of Cen-Cal, has resigned as director of membership. Cen-Cal regrets losing such an able and willing director. George Shaw, president of the Aqua Lancers of Fremont, has

been voted in as new director of membership. Membership queries may be addressed to him at 2247 Jackson St., Fremont, phone OLiver 6-1570. Welcome George!

President Oscar Asturias has requested clubs or individuals interested in underwater photography contact Al Giddings, 52 Woodland Avenue, San Anselmo, or Archie Waterbury, 338 Beach Road, Alameda, with suggestions on formulating committees for competitions, and exchanging ideas on equipment. Your response will determine whether interest is great enough and what type of information is requested.

Sonoma County Reef Runners plan their annual spearfishing meet for individual divers Sunday, September 11, at Ocean Cove, and the Northern California Skin Divers will sponsor an individual two-day meet at Van Damme, Saturday, July 30, will be an abalone contest, Sunday, spearfishing meet, with headquarters at Memory Lane, north of Van Damme State Park.

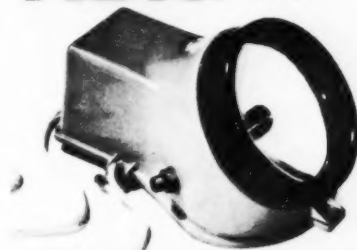
McCellan Field Aqua Knights extend an invitation for fresh water spearfishing meets, June 4 and July 23.

Ten monthly contests stretched out over the past year eliminated all but the winner of the Ken Don Trophy for this year, Ralph Asturias of the Panther Rod and Gun Club of Oakland. Ralph accumulated the winning points by placing first or second in nearly all the ten meets held from Monterey to Van Damme. Second place was a three-way tie, the trio, Howard Strawn and Harry Hague of the East Bay Barnacles, and Oscar Asturias.

Cen-Cal's emblem is now established and shoulder patches are being made. Interested parties may contact secretary Archie Waterbury.

One last note—Girls—Women—females of any occupation—get interested in skin diving and enroll in the Cen-Cal Spearfishing Contest. Don't be afraid you'll show the men up, it'll just make them try harder!

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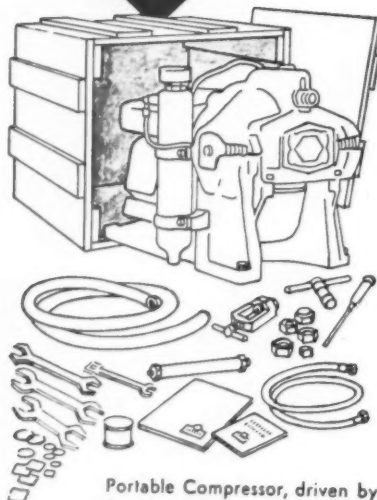
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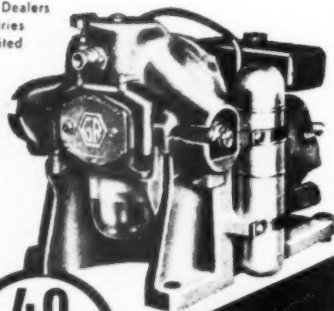
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ICey NEWS

Illinois Council of
Skin and Scuba
Divers Inc.

By A. L. ANDERSON
Lawson Y.M.C.A.
30 W. Chicago Ave.
Chicago 10, Ill.



Clubs pouring in the IC like mad—welcome, welcome to these latest additions: Northwest Divers, Los Tiburones Tigre (Tiger Sharks), Underwater Invaders (old Peer Group), Chicago Depth Probers and Chicago Shark Punchers, all of Chicago; the 9/90 Divers of Arlington Heights; the Leyden Frogmen of Bensenville. And hands across the border to the Silent Explorers of Gary, Indiana.

Lake Geneva ordinances on SD now apply to all Wisconsin, this means Racine Quarry and Washington Island, too. Principal additions to skin diving code make it illegal to transport spearguns to any fishing waters, and Lake Geneva requires use of registered (clearly numbered) boats. On that speargun bit, this must be broken down, like one does with a shotgun for transportation, under penalty of fine.

John Tesch of the Deep 6 is available to speak before any and all Illinois and Wisconsin clubs on subject of diving and spearfishing in Wisconsin. Contact John week nights at MA 6-1394, Chicago exchange, between hours of 5 to 6:30 p.m.

The IC dinner-dance was more than a social success, it was a financial success. According to Treasurer Bob Levin of the Council Board, net proceeds were in the vicinity of \$1750!

Considering the National Spearfishing Meet will be in the wet-suit cold waters of California this year, Illinois and Michigan should make out pretty well. Florida divers may well be shock up by this development—we hope!

Dan Wagner's getting to be quite the TV celebrity with all the shows he has been guesting on, naturally plugging scuba diving with every breath. He is holding dive classes in the sumptuous pool of the Sheraton Towers Hotel, conveniently next door to the studio of WGN-TV where he visits on some of TV shows . . . Despite all these activities, Dan keeps grimly on

the job with his URT, which is busy as ever. At the invitation of Dan Wagner, the UW demonstration tank at the Hotel Sherman's Wisconsin Resort and Travel Show had representatives of the Scuba-teers, Pescadores, Harvey Orcas, Chi Aquas, Atlantis Divers, Aqua Lugs, Depth Searchers and Water Vagabonds. All this talent in just five April days, gained the interest of thousands of visitors to the show. Wagner reports that some of the resort owners were actually asking about having skin divers sent to their respective vacation spots.

Metro Chicago YMCA—Don Lyon— New officers of the Metro Committee, Don Kern re-elected to chairmanship, Arthur P. Swanson, Jr., became vice-chairman; Buff Brennan got the newly combined post of secretary-treasurer. As to the board of directors' election, the Atlantis Divers took over Instructorship and Membership with Rolfe Halvorsen and Phil Alex respectively; the Park Ridge Tritons got Don Lyon in on Publicity and George Vourvoulas at Program.

The Metro is asking all Chicago "Y" clubs to send along their constitutions and by-laws to Phil Alex at 4411 W. Monroe, Chicago 24, no later than July 1, 1960.

Chicago Submariners—Dick Rithaler— A late report on current officers at this club—Dick Hammond, president; Bob Domkowski, veep; Mike Lehor, secretary-treasurer. With a diving boat of our very own, the Power Squadron School has attracted into its classes—Dick Hammond, Carl Liss, Ray Sanborn, Don and Clarence Narbut.

On June 12, Vern Pedersen and some other lucky guy from the Submariners will run a Healthway's Sea Hawk model two-man submarine from Michigan City to Chicago. Vern estimates it'll take about 10 hours for the 30-mile trip.

Silent Explorers—Gary, Ind.—Val Williams— In existence for well over a year and built to a strength of 24 members, we've hurdled the political boundaries of our state and are proud to become associated with the ICSSD. We have been operating a SSD course of instruction regularly at the Gary Y.

Our club officers are: president, Billy Henderlong; 1st vice-president, Don Birk; 2nd vice-president, Larry Foley; secretary, Dave Hofferber; and treasurer Val Williams. For information about the club, write in care of Val Williams, 1842 E. Main Street, Griffith, Indiana.

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Aqua Masters—Aurora—Doug Martner—Although we will have three teams entered in the spearfishing meet, there is no question but that the first team will be composed of Le Compte, Kane, and Don Hansen. There is some interest in the club about sending a delegation to the Underwater Society Convention in Texas.

Compleat Gogglers—Fred Seil—This past winter afforded the Gogglers their first club ice dives—Racine Quarry and Coal City strip mines. We're still actively scouting for good dive sites and spearfishing spots for this summer.

There was one attempt to recover a dinghy from Un-nameable Harbor on Lake Michigan. Cold weather, icy water and miserable visibility turned the Goggler contingent back before they'd barely started. Postponed search in favor of warmer weather.

North Shore Deep Water Divers—Lillian Ramsden—Our February splash party was a tremendous success. Games and contests gave no opportunity for just swimming. Prize winners included: Robert Frank, Ronney Ramsden, John Harbough, Norman Ramsden, John Wagner, Bruce Bennett, David Van Horssen, John Hanson and Lowell Champion.

Chicago Underwater Investigators—Jim Small—Flash! The C.U.I. is now incorporated as of April 7, 1960. Former reporter Wally Hunt is now our vice-president, the president is Frank Miller; secretary Jeane Garner, and reporter Jim Small round out the officers.

We have sent in our application for membership in the Underwater Society of America. There are still a few openings for qualified divers in the C.U.I. Call J. Small at JU 3-0636 or J. Garneat AL 2-8564.

Aqua Raiders—Joe Soldat—We've begun our second year with a general election. The new officers are Joe Soldat, president; John Catalod, secretary; and Larry Barrett, treasurer. The club purchased a compressor and the treasurer's report is still in good black ink. Growing rapidly, the Aqua Raiders have high hopes for this coming season.

Twenty Fathom Club—Ed Marek—Vera Michelson has just returned from a great diving vacation at Grenada, Antigua, Barbados, Trinidad and Haiti.

We furnished a monster act for the Park Ridge Tritons' UW show. On lend-lease from 20 Fathom Club was Charlotte Brown and Alex Cipov, and the monster costume designed and constructed by Hank Cipov. Hank is also our newly elected vice-president. The new president is Jim Minor, Jim Aaberg as treasurer and secretary, Ed Marek. On the board of directors, in addition to our regular officers are Leo Darwit, Ted Kuksuk, Morrey Korey, and Andy Anderson.

Charlotte Brown has been collecting correspondence from just about all over since her article in SDM, from as far as Australia; Currently she is collecting material on sharks.

Underwater Invaders—Annette Gutt—Located at the University of Illinois at Navy Pier, we're particularly ill to Spring Carnivals. In honor of and to supply advertising for the April 23 Carnival, our club built a sea monster complete with a banner publicizing the carnival. "George," as we've dubbed the monster, is actually a composite of four Underwater Invaders. We will definitely enter a team in the May spearfishing meet. ➤

NOTICE

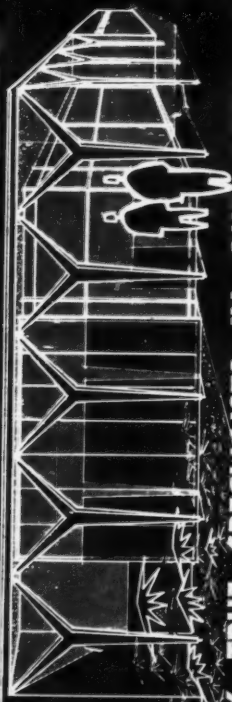
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MASSACHUSETTS COUNCIL OF DIVING CLUBS, INC.

By **RICK VAHAN**

300 Harrison Ave., Boston 12, Mass.

Nazi magnetic mines in and around Boston Harbor? Preposterous, said the U.S. Navy. But they hedged on so many of the questions Boston newspaper reporters threw at them during a press conference that even their denial was questioned.

Disclosure of the existence of the mines 18 years after they were sown by Lieutenant Jochin Berger and the U-87 was made by Lt. James F. Cahill Jr., U.S.N.R., better known to his diving companions in the Massachusetts Council as Jim. Cahill, in an exclusive story in the Boston Traveler, told

of the ten mines, each containing 2,000 pounds of a TNT-type explosive. He said the mines' magnetic mechanism automatically desensitized after 60 days, but the charge in each would remain potent for years.

A Navy spokesman confirmed the mines "are liable to explode" if hit with a heavy object such as a ship's anchor. Cahill warned the mines were lying in about 60 feet of water in Boston Harbor's Broad Sound. He warned divers to steer clear of the mines if they should spot them because their metal casings, corroded thin over the years, might leave the mines more sensitive than ever.

Twenty-four hours after Cahill's story hit page one, the Navy called a press conference. They thought the story sufficiently important to assign three captains to face the reporters. The four-stripers began with a blanket denial of the existence of the mines, but they threw in so many ifs, that they cast doubts on their statement in the eyes of the press. They denied among other things, that a Navy spokesman said the mines "are liable to explode." But it was learned that within 24 hours of the appearance of the original story, the Navy had tracked down the spokesman, an officer in Washington, who made the controversial "liable to explode" statement.

One reporter asked the captains point blank, "Do you intend to recall Lt. Cahill to active duty and throw him into the brig?"

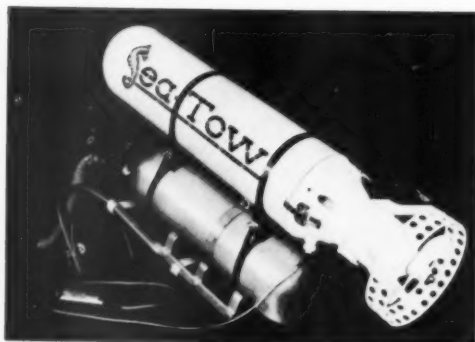
"No," came the reply. In fact, the captain said, the Navy considers Lt. Cahill one of the leading experts in underwater defense and offense in the country. Cahill has served two tours of active duty as a member of Navy Underwater Demolition Teams. And now, of course, he heads New England Divers Inc., a commercial diving equip-



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ment and marine contracting business in Beverly, Mass.

This was an important factor in the whole case when the Navy called Cahill into First Naval District headquarters and asked him in what capacity he made the statements. He explained he made them as a commercial diver and one who supplies divers with equipment. He emphasized that he did not make the statements as a reserve officer in the Navy, but only as an interested individual. His commercial connection to diving, he explained, is what made him an "interested" individual.

One of Cahill's divers, Mike O'Neill, was back in the news again, too. He found another gun, a partly-opened safe and several thousand dollars worth of photographic equipment while diving in Lake Quinsigamond, Worcester, with members of the Worcester Frogmen.

The photo gear was not in the best condition, unfortunately, or O'Neill might have used it to enter the Massachusetts Council's year-long photo contest. The contest will have as one of its judges Pulitzer Prize-winning photographer Harry Trask of the Boston Traveler.

The Council's photo contest, with categories for black and white and color stills ends October 31. Entry fee is \$1 per contestant regardless of the number of entries.

On the legislative front only two bills remained to be acted upon by the Legislature. These were the bills to permit spearfishing of all fishes that may be taken by hook and line except striped bass, and to change the lobster license fee from \$5 per county to \$10 state-wide. A late check with legislative leaders and Department of Natural Resources officials indicated both bills would be sent to the House of Representatives for brief debate and almost certain passage very soon.

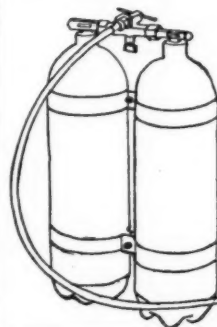
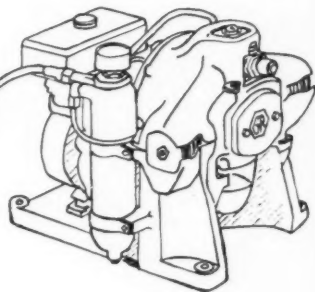
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By Sonny Logan
3772 Matador Dr.
Dallas 20, Texas

The 1960 diving season blasted off, April 24th with the first spearfishing contest of the year. The Inland Divers of Fort Worth sponsored the event at Possum Kingdom.

The Fort Worth club has purchased a plot of real estate at Possum Kingdom Lake and has named it appropriately enough, Divers Point. This sort of unity is very commendable. It is proof of just what can be done if a club will work together and toward a common goal. Good show, Cowtown.

Joe Coffield and Bill Steen of the Ark-La-Tex club at Shreveport ventured to Lake Ouachita near Hot Springs, Arkansas, and reported 20 to 30 feet of visibility from the surface to 65 feet and some light down to 100 feet. With the new spearfishing law now in effect in Arkansas this should be an ideal spot.

And speaking of spearfishing contests, there seems to be some doubt about the type of contestants entering this year's events. As you know there are now two types of diver contestants, skin and scuba. In the contests sanctioned by the council this year champions from each group will be selected by a point system. These champions will represent the council at regional and national events. The club sponsoring the event may designate the type event they are holding and may hold both at the same time if they so desire. If the contest is for both types, the contestants will have to declare which event he is entering before the contest officially begins, and stick with it during that contest. He may change type of diving at different contests if he likes but points are not carried over from one type to another. So it will be best if he picks one and sticks to it. In a mixed event there should be equal prizes for both groups. Ladies will have to compete with the men.

A list of members is being compiled for use at the contests of council sanctioned events. Naturally, only the council members will be awarded points toward yearly championships. Members may pay dues or non-members may join at the events. After June 1st, dues payment date, each member will receive a council identification card to show membership. Then a list will no longer be needed, and the only book work will be in the records kept. I might add that this is the first time that it will be possible to win points for something other than fish. Here is the idea. Extra points can now be won for feats of sportsmanship or courage.

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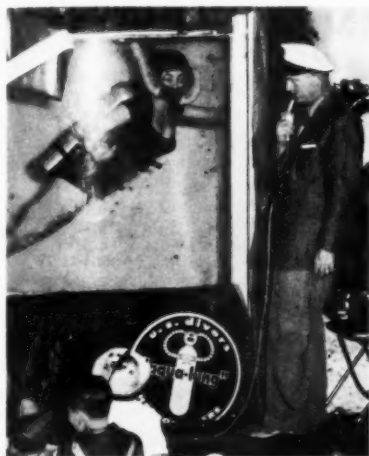
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SKIN DIVER—June 1960

It takes more courage to tackle and land a fighting and biting Tiger shark than a complacent jew fish of equal size. Just a comparison, both take courage. But it will now be possible for the council representative to award extra points for this extra feat of sportsmanship. Also maybe other acts.

This is the sport show season in the southwest with both Houston and Dallas having big shows. President George Youmans was the M.C. at both shows and did a fine job. The big diving tank of Bill Flagg's was used to the fullest extent with some of the square dancing actors getting into the diving act.



George Youmans, president of the Southwest Council, emceed the sports show in Dallas as mermaid Norma Koker goes through her paces.

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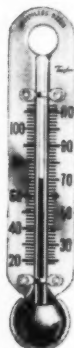


Depth Gage has luminous figures, graduations and pointer. Gives readings in 3-foot graduation to 140 feet. Accurate to within 2.8 feet. #2059, \$10.95 retail.



Compass has big black arrow and luminous dial to help you find your way while below. Liquid-filled dome with leveling bubble. Sturdy neoprene case. #2959, \$6.95 retail.

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DEATH AWAITS THE DARING

(Continued from Page 28)

was kicking furiously against the inward rushing surge. Keith and I looked helplessly down. Suddenly he stopped kicking. We knew what he was waiting for.

Ever so strong was the forward rush of the water and ever so slight was the back surge. In that split second of the back wash, he wrenched free and labored to the surface. We supported him in the water as spasms of fresh air filled his lungs. "The big one's in there," Bob gasped, "but we'll never get him."

It was pretty obvious to us by that time, and we weren't about to argue the point. I was almost impaled on a jagged reinforcing rod of that concrete monster, as we returned through the craggy opening in the side of the vessel. We had all experienced enough for one day.

The roar of the aircraft's engine was music to my ears after listening to the sloshing of water inside that concrete tomb of THE SAPONA.

Bimini grew smaller in the distance. Keith dipped his wing as we flew over THE SAPONA. "She's only thirty-five minutes from Lauderdale," he said, "maybe we'll come back in a few days."

"Yeah," agreed Bob, "maybe we could get that big guy out of there on a calm day with lungs. He'll still be there."

"Bob will go back," I thought to myself, "and Keith will probably go too, but not me. I'm not returning to that weird apparition—that hell hole where death awaits the daring. Back to that inner sanctum which beckons the damned. No sir, not me."

"No sir," I erringly said aloud.

"What's that?" questioned Keith.

"Oh, nothing," I hastily replied.

On and on they talked about returning and about 'the big one' until I broke down and said, "Do you think we could all three fit in that room with tanks and arbaletes?"

"Sure, I don't see why not," replied Bob.

And Bimini faded on the horizon.

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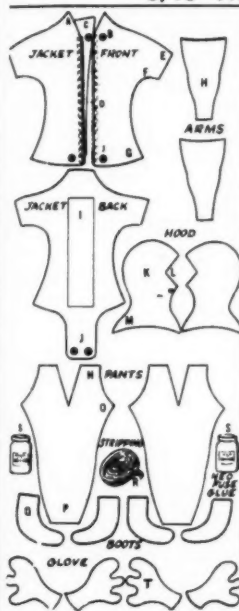
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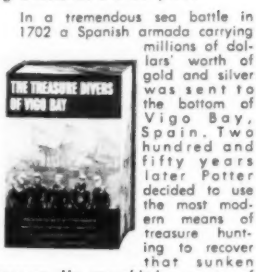
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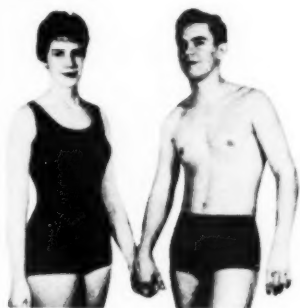
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COUNCIL OF

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By Ron Merker

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Santa Ana, California

Two council representatives attended the April 13 meeting of the Los Angeles County Department of Parks and Recreation. The department met to review a proposed new county ordinance that would have prohibited swimmers and divers from going out more than 200 yards into the ocean.

Although there are not many county beaches where a diver needs to go out farther than 200 yards, we felt that once a distance limit was passed for one area, other areas might also pass similar ordinances.

Presenting the divers thoughts on this ordinance were Dr. John Backus and myself. Questions were asked and a general discussion followed. The reason given for this limit was to keep divers out of the way of boats. Boats in turn would not be allowed to operate closer than 300 yards from shore.

A compromise was reached and we believe the ordinance will be written to read that no diver will be allowed to dive beyond 200 yards from shore, unless he has a Divers Flag and a float that will support him, or words to that effect.

This is another way that your Council is trying to help you, the divers of Southern California. People like Dr. Backus give their time and speak for the Council on your behalf. Help support it. Bring this up at some of your club meetings and ask why your club hasn't joined the Council yet. You independent divers, we speak for you, too. Help us by sending in your dollar.

Our competitive skin diving committee is sponsoring the Nationals this year. They hope to make this the best National Competition ever. All Councils throughout the U.S. are invited to send their best team to compete. Details should be at your local Councils by now, but if there are any additional questions write to John Geisler, 9170 Priscilla, Downey, California.

Michigan Diver Descends 193 Feet Below Iced Surface

Ken Brookhouse and George Davis of the Seaway Scuba Divers entered Elk Lake, just northeast of Traverse City, Michigan, at 2:40 p.m. March 19 in an attempt to break the under ice diving depth record.

Brookhouse reached 160 feet and Davis shot on down to the bottom, 193 feet below the frozen lake's surface. Ed Murphy of another Michigan club, the Ford Sea Horses, had previously descended to a depth of 175 feet below the ice.

Assisting the divers on the record dive were club members Chuck McCalpin, Dennis Boettner, Jim Evenoff and Frank Ormaniec. Earl Gay, deputy sheriff of Grand Traverse county, officially recorded the dive.

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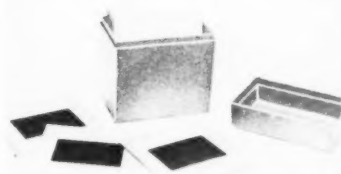
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Who says people don't appreciate things? This month the General Assembly of the State of Rhode Island passed unanimously in both the Senate and the House, a resolution commending the Rhode Island Council of Skin Diving Clubs, Inc. and its members for the emergency volunteer diver program now in full operation throughout the state. Under the signature of the Governor, the original copy of the resolution has been forwarded to Council headquarters where it will be framed and displayed. This is a tremendous tribute to the many fine divers who have given of both time and energy over the past number of years whenever a civil emergency presented itself. The resolution cites the unselfish contributions of divers during the serious flooding which resulted from the terrible hurricanes which hit our state a few years ago and also enumerated some of the many instances of body recovery and assistance to civil authorities in other emergencies.

This complimentary action has come at precisely the right time since a number of incidences within our borders have aroused the ire of other individuals against skin diving in general to the point which always seems to be the threat held over the heads of skin divers country wide; legislation. It is our sincere hope that we can avoid same through positive, good publicity and proper watch dog action. In this respect our neighboring states and their divers can be of tremendous aid to the divers of Rhode Island. Some of the incidents involved have been traced to visiting divers to our shores who were either unaware of the seriousness of the situation here or were individuals without the benefit of club affiliation, which experience has proven always makes a man much more cognizant of the need for fair sportsmanship with others.

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In an effort to de-emphasize the negative publicity which has developed here the R. I. Council has requested all out-of-state Councils to keep us posted of their proposed activities within Rhode Island boundaries and if possible to cut down the number of events scheduled. This is, of course, on a reciprocal basis. Our sport is growing so rapidly here on the east coast that we are bound to have some growing pains, but with proper surveillance a favorable atmosphere can be maintained.

In cooperation with the New England Council of YMCA's, the Council sponsored a Certification Institute for Instructors in Skin and Scuba Diving during the month of May. The program included well-known lecturers in all aspects of skin diving.

This year our own R. I. Council Team Championships will be held with the absence of any great amount of publicity. They are scheduled for June 12th at Sachuest Point Naval Reservation and we expect about twenty teams to compete. This will be the first competition under the newly adopted Underwater Society of America rules and the winning team will be eligible to compete in the Nationals.

With no club reports received this month we will close with a wish to all for GOOD LUCK AND GOOD DIVING. ➤

INDIANA SKIN DIVING COUNCIL

ROBERT HANSEN

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HIGHLAND, IND.

Neptunes Nephews Inc. of Hammond were the hosts at the second meeting of the newly formed Indiana Skin Diving Council. The principle topic of discussion was, statewide promotion of the Divers Flag. Individual clubs shall distribute posters of the flag throughout their areas also contacting local authorities and obtaining their cooperation on informing boaters. Also a standardized course for all clubs and instructors of the council was discussed.

Member clubs attending this meeting were: Angola Aqua Gills, Elkhart Aqua Addicts, Ft. Wayne Diving Club, Indianapolis Aqua Divers, Underwater Exploration Team, Water Raiders, Sub Surface Sirs and Neptunes Nephews Inc.

All clubs in Indiana are urged to become participating members in the Indiana Council. Please contact the Executive Secretary for complete information regarding membership, John Hudkins, 7521 Whiteoak Ave., Hammond, Indiana.

The hosts of the next meeting are the Aqua Addicts of Elkhart. Clubs that have not registered please contact the secretary for the time and place. The next meeting shall include the adoption of the council emblem and legislation regarding the Divers Flag. If any clubs have any experience regarding this type of legislation we would appreciate hearing from them.

The Elkhart Aqua Addicts are planning a dive prior to the next meeting. For full information contact Max Bradley, 1520 Silver St., Elkhart, Indiana. ➤

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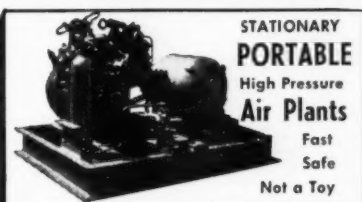


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WASHINGTON COUNCIL OF SKIN DIVING CLUBS

By Bob Staunton
3903 Ferdinand St.
Seattle 18, Washington

Washington Council's monthly meeting was held in the College of Fisheries Auditorium, on the University of Washington Campus. The largest issue was over the rules for selecting the top team of "competitive spearfishermen" of the Northwest. The final decision was roughly as follows:

All interested teams will be welcomed in one large meet, to be held on a pre-arranged Sunday. The winners and all teams still interested will meet again two weeks later, also on a Sunday. Only the top fifty percent will remain to clash again at the same site the following day. The team at the top of the heap after the Monday meet will be the "Northwest Champion Spearfishing Team," out to represent the Washington Council in any national or other large type contest. These rules are still subject to possible change or correction.

Till next time—Stay wet, stay alive, Use a flag, when you dive.

Boeing Sea Horses—Reporter Frank Boling—Fourteen of the sixteen Sea Horses who entered the Tacoma Scuba Divers' Treasure Hunt April 3rd came home with prizes. The meet was well organized and the weather was perfect. It was easy to spot our divers in the crowd of 183 entrants—the big yellow sea horses on the backs of their suits stood out brightly.

A number of our divers are showing interest in various aspects of marine biology. As a starter for some of the newer members and to show what a wide variety of creatures may be found even along the city beaches, we had a specimen hunt on April 9 at Alki. Records and Research Committee chairman Jack Sallee helped with identifications. Saturday night April 16, some of the hardier souls showed up for a night dive and Easter Egg hunt off "Alki Sewer." John Miller anchored his boat, the Sea Ducer, over the second rock pile, and with the aid of lights rigged up by Bill Ellis, made it a base of operations. Sure it seemed colder than in the daytime, but it was lots of fun, and those who strayed out into the dark saw a demonstration of phosphorescent plankton they won't soon forget.

Puget Sound Blackfish—Reporter Betty Blanchard—A gala supper party was enjoyed by the Blackfish who gathered recently to celebrate the club's first birthday.

While the Blackfish is a new club, members have chalked up a very commendable record competitive wise. In addition to winning the regional meet they placed first in the council meet and Bar View, Oregon meet. Mertz and Blanchard picked up five largest fish trophies throughout '59. In the recent Nemgorf meet Blackfish took second and third place. They lost first by a slim margin of three pounds. A new diver in the competitive field who brought in a near world record ling . . . our heartiest congratulations to him. Klein took second high aggregate and Blanchard third.

Dick Klein has claimed 1960 as his year and to prove it found the treasure chest at the Scuba Divers' recent treasure hunt. It looks like the next few months will be busy ones with the playoffs for the Nationals and the co-sponsored Sounder-Blackfish meet at Rosario Beach, June 12th. After all the activity we plan to relax at a Hawaiian luau . . . anyone with a spare uke?

Puget Sound Mudsharks—Seattle—Reporter Paul J. Powers—The past month was a busy and eventful period, highlighted by the tremendous feat of Don Stockdale. Here is a terrific up and coming Mudshark who entered his first competition and came up with a grand slam win. His record catch of a 56 lb. 4 oz. ling cod endowed him the honor of taking the largest fish ever speared in Pacific Northwest Competition. He also came within 10 oz. of the official skin diving record of this species that is presently held by John D. Tallman of the Mudsharks.

In addition to the two trophies he received for first place and largest fish he is top contender for the Mudsharks annual largest fish trophy, which is a much coveted award. Don brought the fighting 56 lb. ling cod up from a depth of approximately fifty feet.

Council President, Bill High represented the Pacific Northwest at the competition rules convention in New Orleans. We heartily commend Bill for what we are certain was a strong and vigorous presentation of the problems and desires of the competitive divers in our area.

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CONNECTICUT COUNCIL OF DIVING CLUBS

LEONARD GREEN
P. O. Box 1446
New Haven, Conn.

On Saturday, April 2nd, a Spearfishing Clinic, featuring the top spearfisherman in the state was held at the New Haven Y.M.-C.A. Participating were Fred Lichatz of the Connecticut Sea Devils, 1959 Champion; Paul Boy of the Connecticut Sea Devils, 1958 Champion; Bob Strubell of the Associated Skin Divers, 1957 Champion; Cliff Johnson, Associated Skin Divers team captain, and Ed Jacobs of the Connecticut Sea Devils, team captain and Connecticut Council Spearfishing chairman.

Each of the men discussed their equipment and spearfishing technique. A question and answer period was held and movies were shown of the Council Spearfishing meets of 1959. Many thanks to the fellows who made this informative clinic possible.

MOVIE AWARDS

Dave Preston of the Associated Skin Divers won first prize in the 8mm movie competition. Will Jacobs of the Connecticut Sea Devils placed first in the 16mm competition. Think these movies could be shown at the next Council meeting? I'm sure with a little persuasion the winners would exhibit their prize winning films.

COUNCIL CALENDAR—1960

Spearfishing Meets—May 8, Napatree Point, time 12 noon, June 12, Wicopesset Island, time 12 noon, July 10, Watch Hill, time 12 noon, August 14, Fishers Island, time 12 noon, Sept. 11, Council Team Championship Meet, location be announced.

On August 7th the Fourth Annual Connecticut Open will be held at Napatree Point. This meet will be open to all comers. More details soon.

Scuba Meets—May 22, West Hill Pond, Winsted, Conn., time 1 p.m., July 24, Mo-mauguin Beach, East Haven, Conn., time 1 p.m., Sept. 18, Location to be announced.

The Associated Skin Divers—Reporter—Shirley Johnson—President Bob Strubell welcomed fellow club members and their guests to the Associated Skin Divers Fifth Annual dinner dance at Lithuanian Hall, Manchester.

Many door prizes including a Wide View mask, two weight belts, etc. were distributed to sixty-five stuffed skin divers and friends.

This column needs news. Anything no matter how large or small will be appreciated. Send all news to Lenny Green by the 15th of the month. This is your column so start the articles rolling in.

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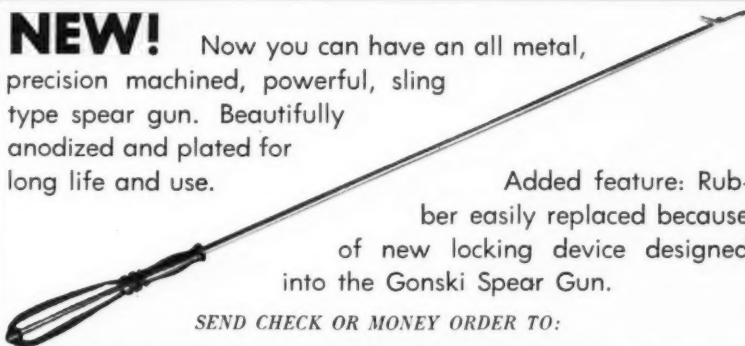
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NEVADA...

Nevada Desert Divers—Reno—Reporter Phillip Buttolph—I feel certain most of you, the readers of "Skin Diver," have read of our rescue team activities. We have a team membership of 20 divers, eight "on duty" 24 hours a day, seven days a week. Each member is required to take a complete First Aid and rescue course given jointly by the team and the local Civil Defense.

Our "core" of eight are Deputy Sheriffs of two counties, Honorary Citizens of California, and except for two divers, are scuba instructors. We are organized under the Nevada Desert Divers, Inc. whose membership of forty divers can be called on to supplement our team if need be. As far as equipment, we have a set of two-way radios, an Ingersoll-Rand compressor capable of 3,000 p.s.i., an under-water sled, and each diver is equipped with complete equipment ranging from floats to compasses. The local Civil Defense has promised to supply us a truck with everything from rope to underwater cutting tools by summer, because of our part in Civil Defense.

Along with the tremendous enjoyment there is in diving, there also lies an even greater responsibility of helping those who need our type of specialty. Our latest recovery at Lake Almanor, California, took three days to complete in zero to three feet visibility and in 34 degree water. Any club or team that wishes any information on our search patterns or any phase of our program or who can give us information, please write Phillip Buttolph, 502 South Center Street, Reno, Nevada.

MINNESOTA...

Y's Divers—Minneapolis—Reporter Bill Carlson—In January we formed this club which is for boys aged 10-15 who are advanced swimmers in the Minneapolis Downtown YMCA aquatic program. The officers are: Bill Carlson, president; Ron Solberg, vice-president; Tom Giese, treasurer.

The group is supervised at weekly practice sessions in the pool by members of the YMCA staff. Last winter a local organization sponsored a lung racing contest for boys. Members of the "Y's Divers" came in first place. In the coming summer the club hopes to make some diving trips—all under adult supervision—to nearby lakes and quarries. Anyone knowing of good diving quarries in our area please contact Bill Carlson, 5616 Emerson S., Minneapolis, Minn.

OREGON...

Bay Area Hell-Divers—North Bend—Reporter Art Schultdt—The Hell-Divers recently acquired a 26 foot cabin cruiser from a local businessman for the upkeep of the boat. With a little more work to make it better adapted for diving, the club will be ready to take the Bay-Area Hell-Divers to some of the best diving on the southern Oregon coast.

In March club president Jack Lakey and Carl Edd made a night dive in the waters of Coos Bay at Charleston to clear the propeller of the 50 foot fishing boat "Madeline J." The boat had picked up a bumper tire at the Charleston boat basin. Using underwater lights and hacksaws Jack and Carl were able to cut the tire off in about half an hour.

At the last meeting, Bill Hughes, a local commercial diver, gave a demonstration of his hardhat gear at the North Bend Pool. The club meets every second and fourth Mondays at 7:30 p.m. at the North Bend pool.

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MISSOURI...

Kansas City Frogman Club—Reporter Mel Lillis—After the dust had cleared from the various sport shows members settled down to the serious business of preparing for the diving season. With over a foot of snow on the ground we were half wondering if there would be any diving for some time but soon it started to melt. In fact we may have more water than we bargained. One of the most important activities in March was the elections. Those voted into office were: Ralph Poplar, president; Dick Yotter, vice-president; Mel Lillis, secretary; June Poplar, treasurer; Jim Hays, public relations; Floyd Moore, Dean Ryther, Richard Nelson, team captains; John Freeman, lifesaving; Leonard Geivett, water safety; Ken Krug, records; and Wilbur Standley, historian.

At the first Executive meeting plans were formulated for the Second Annual

Spearfishing Tournament. It will be held June 11th and 12th at Pontiac Boat Dock, Pontiac, Missouri, with a total of 14 trophies to be presented. It is open to all club affiliated divers. For further information contact the Frogman Club, YMCA, 404 E. 10th, Kansas City, Mo.

Films on the Skin Diving Championships, pool spearfishing practice, notification that Table Rock had been added to legal Missouri areas and that our Arkansas cousins had legalized our sport served to run our diving fever high. Many members are planning to attend the Midwest Diving Council convention the latter part of April. And there are several making plans to get to Houston for the Underwater Society of America's convention in August. A film on diving around the oil rigs, a lecture on diving physiology and a visit from the local Conservation agent are on the agenda for the next few weeks as we look forward to a very busy season. ➤



Frogman officers are Mel Lillis, R. Poplar, J. Poplar; second row, R. Nelson, K. Krug, F. Moore, W. Standley, R. Yotter; third row, J. Freeman, C. Thorne and L. Geivett.

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Hood and tunnels 1/32" thickness.

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GEORGIA...

Aquatic Couples of Decatur—Reporter Glenna Shaddix—At a recent meeting we were visited by a Californian, Carl Bathem, a member of the Underwater Photography Society. He gave us a number of good suggestions and examples on underwater photography. Plans were made for a Morrison Springs, Florida, dive. ➤

If you use a detachable head, use the best—the "DAGGER"—by the makers of the Airmatic Gun.
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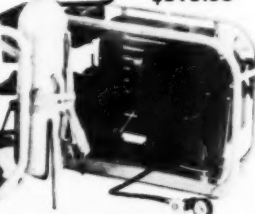
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NORTHEASTERN WISCONSIN COUNCIL

By Chan Harris

Box 574,
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Three clubs, Neptune's Nomads of Appleton, Neptune's Nimrods of Green Bay, and the newly organized Bay Fins of Sturgeon Bay, formed the N.E.W. Council. Any other clubs in the area are welcome to join.

June 25-26 the Council is sponsoring a treasure hunt in the wreck-rich waters off Door county peninsula. The area was cited in the recent Time Magazine Jacques Cousteau cover story as having more than 200 wrecks, dating back to the 17th century. Council president, Doug Butchart of Green Bay, has been on nearly 50 of these. Invitations to the hunt have been sent to all clubs in the U. S. and Canada. There will be prizes for a majority of the participants, including the best of all types of diving gear.

The peninsula is a beautiful tourist area, with rocky bluffs carved by ice age glaciers, and broad, sloping sand beaches that rival the Riviera.

WASHINGTON...

Cape Flattery Whalers—Neah Bay—Reporter Ron Ambrose—Our club is located at Neah Bay, the Makak Indians reservation and several of the club's members are Makak Indians. Their ancestors were some of the best seamen in the world. In their canoes, carved from huge cedar trees, they pursued the whale. Today the young men are proud of this tradition and so we call ourselves the Cape Flattery Whalers. Our emblem is drawn in northwest Indian art style and shows a killer whale pursued by men in a canoe.

Our principal diving area is the harbor with its long jetty and Sail Rock. On one dive we got a 50 lb. ling cod. We are currently planning a contest between our club and the Seattle Reef Raiders.

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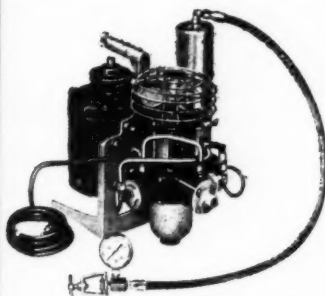
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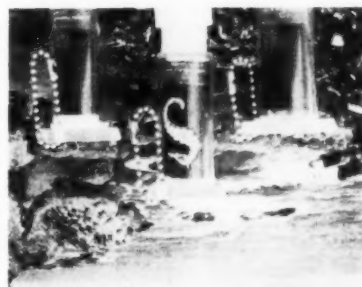
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NORTH CAROLINA...

Carolina Aquaholics—Chapel Hill—
Reporter Lee Kenan—Recently divers at
the University of North Carolina met and
formed the Carolina Aquaholics. At
present the club has fifteen members, and
is expecting many more in the near future.
Officers are Bert Coalson, president; Lee
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coasts of the two states, offer some of the
finest diving sites in the United States,
and we are looking forward to the day
that the "aquaholics" from this area can
get together for a big rally.

Sea Urchins—Camp Lejeune—Reporter
Orlan Johnson—Being a military club the
Sea Urchins Diving Club is organized as a
part of the Special Services Department,
Marine Corps Base, Camp Lejeune, North
Carolina. The purpose of this association is
to foster all forms of underwater sports
and to promote water safety as its primary
objective. The club specifically assumes
the responsibility of qualifying its mem-
bers in the use of underwater breathing
apparatus and restricting the use of equip-
ment to those members who have de-
monstrated their ability through suitable
tests to make safe and judicious use of
swimming and diving accessories made
available to them. Membership is opened
to all service men and women stationed
in the Camp Lejeune area and their
qualified dependents.

Training is conducted for a period of
about 2 1/2 hours at our weekly "Wet"
meetings held at one of the Base Swim-
ming Pools. "Dry" meetings are scheduled
once a month. Election of officers was
held during one of our recent meetings.
Installed were George Borges as president;
Edward Pierce as vice-president; Arnold
Kailer as secretary; Raymond Bostic as
custodian; Frederick Ely as training and
safety officer; Orlan Johnson as publicity
manager.

A rescue squad has been formed among
the card holders of the club. The rescue
squad is willing to go at any time of the
day or night. Minus traveling time ap-
proximately six to eight divers can be
assembled and ready to dive within a
matter of minutes. Preparations are cur-
rently being made for the first ocean dive
of the 1960 season. The first dive is usually
designed for qualifying at least five or six
new members on their final 50 foot dive
with a little spearfishing thrown in. Also
it gives the divers a chance to work out
the bugs they have discovered in their
equipment and diving technique during
the winter months. Foremost in an
Urchin's mind at this time is the expecta-
tion of venturing into the ocean water on
his first organized dive of the season. >

PENNSYLVANIA...

Mercer County Divers Association—
Wheatland—Reporter Paul Doerr—We
are newly organized and invite any in-
terested divers to join our group. We plan
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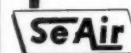
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SKIN DIVER—June 1960

CALIFORNIA...

The Penguins of San Gabriel Valley—Reporter Bud Jordan—Our new officers for the year are, Tim Palmer, president; Bob Vasquez, vice-president; Don Zolonz, treasurer; Bud Jordan, secretary. We have just recently begun publication of our club paper, "The Penguin."

A recent club outing to Catalina was enjoyed by some twenty members. Next scheduled trip is a visit to our southern neighbors around Ensenada for the Memorial Day weekend. Latest member to join the club is Bud "Reefrunner" Smutz of Covina. Anyone in the area interested in joining our fine group, complete information may be obtained by calling the above number. Happy Diving!

Neptune's Raiders of Southern California—Downey—Reporter Bob Hawkins

At our recent elections John Hursey was re-elected president. Bob Hawkins was appointed as club reporter.

Anyone interested in joining our club activities may contact our president at P.O. Box 896, Los Amigos Station, Downey. Last year we dived in Mexican and local coastal waters. The purchase of a jeep by a club member promises more Mexico trips soon. Another member of the club has opened a wet suit business in Long Beach.

CONNECTICUT...

Park City Diving Association—Reporter Rudy Sieling—The Park City Diving Association has finally come into its own as an organization. We held our second annual meeting April 1, and the new slate of officers are Brad Siwy, president; Frank Kelly, vice-president; Rudy Sieling, secretary, and Harold W. N. Smith, treasurer. Other positions filled were Robert Volgmuth, sergeant-at-arms, and Robert Geiger in charge of publicity.

The club has joined Civil Defense and has just formed a spearfishing team of ten members planning to enter all the competitions sponsored by the Connecticut Council of Diving Clubs this year. We are also planning a very active summer with several trips to Block Island. The first was the second weekend in May.

FLORIDA...

Spear N' Fin Club—Fort Lauderdale—Reporter Delores Lagiglia—Nineteen members of the Spear N' Fin Club met March 20 at a local pool for official skin and scuba diving checkouts. A safety committee consisting of Earnie Harrell, King Fulton and Gary Littleton was instrumental in making up the outline for these checkouts. These preliminary tests are necessary for all prospective members. Sixteen who took the checkouts completed them.

Now that the preliminaries are completed, it is our objective to organize dives for all members. This began with a scuba diving ocean trip which netted three large amberjack.

The club is also working on a planned tournament to be conducted periodically between the two organized clubs in the area, Spear N' Fin and the Sea Lancers. The contest, operating on a point system, will have a rotating trophy presented once a year to the winning club.

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NEW YORK...

Long Island Divers Association—Freeport—Reporter Peter Gellweiler—Long Island Divers Association members have just added six new boats to their fleet, bringing the total to 22. An invitation to join in a treasure hunt with Dutchess County Divers was received, details in progress.

Preparations are now complete for off-shore ocean diving as most local beaches on Long Island are closed to scuba divers from May 15 to October 15. Two members have been certified as scuba instructors by the Empire State Underwater Council.

Ulster County Divers — Reporter Thomas Maines—We have formed a new club in Ulster County, New York. Our two main purposes are to encourage diving in the area and to promote not only underwater safety, but safety in any sport connected with the water.

This past winter we remained quite active with five ice dives and a cave dive to our credit. We would like to learn of new diving sites in our area and are open to membership. Correspond with our secretary, William Mills, 10 Linderman Ave., Kingston.



Ulster County Divers, William Mills, Thomas Maines, William Parker, Garry Kleman, Thomas Waters and David Lacher, at Williams Lake for one of five winter ice dives.

Vanderbilt Divers—New York—Reporter Bruno Junker—Vanderbilt Divers organized in December, 1958, with 12 members. We joined the Empire State Underwater Council immediately and are now also in the Sportsmen's Council, Marine District of New York state.

While we have very active divers, they seem to prefer to scatter all the way from Cape Cod to the Caribbean. This summer we are planning at least one club outing every month and a combination boat trip and spearfishing every two weeks.

Wilbur Peck, physical director at the Y.M.C.A., started the skin diving group here. Our instructors are Arthur Illiano and Charles Dunn. Our officers are: Bruno Junker, president; Marvin Cohen, treasurer; and Arlene Schember, secretary.

ALBERTA...

Calgary YMCA Aqua Broncs—Reporter W. G. Lindsay—We organized this past February and have received training courses from the Boston Sea Rovers and the Diving Examining Board of B.C. We have introduced four classifications for the members, beginner, intermediate, senior and instructor. These classifications are actually tests of proficiency.

The first outside dive was in March when it was necessary to cut a hole through 28 inches of ice. We would like to hear from other clubs.

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SKIN DIVER—June 1960

ONTARIO...

Les Plongeurs, De La Baie Georgian—Reporter Frank E. Will—This winter we formed the Divers Club of Georgian Bay. Winter in our part is tough as we are known as the snow belt of Ontario, diving conditions below zero are not what we call comfortable, but we have managed to dive down to the wreck of the "Mary Ward" just outside Collingwood in order to locate and salvage the steam engine which we would like to donate to the local museum at their request. We are also trying to locate the "Waubuno" which disappeared in the eighteenth century at the south channel of Perry Sound.

We have fifteen active members in our club and expect the year to double our numbers. We own a twenty foot sailin' whaler which is the flag ship of the Les Plongeurs, De La Baie Georgian. Any club in Canada interested in helping to find the mystery "Waubuno" is welcome to join the hunt. ➤

AUSTRALIA...

Moorabbin Skin Divers—Victoria—Reporter Barry Schultz—This club is affiliated with the Underwater Skin Divers and Fisherman's Association of Victoria, which in turn is affiliated with the U.S.F.A. of Australia. In our state there is a State Championship held every year on the Australia Day long weekend holiday. One of our members, Roy Howell, came second last year and the year before won it. He has won the State Championship three times and the Australian Championship once, and is competing in the Australia Championship at Bicheno, Tasmania, this year.

Our club has 40 members with 10 owning scuba equipment. We have 12 outings every season, one every fortnight, and compete in the State Championships. We also run a club championship over eight aggregates and have a few social outings, barbeques, car trials, etc.

The fishing in Victoria differs greatly from the States as we have no big fish, the largest 10 lbs. at the most. This would be the butterfish which is speared most, and the snapper which grow larger but are rarely seen by spearos.

Underwater Skin Divers and Fishermen's Association of Queensland—Reporter Walt C. Deas—Bob Webb, club spearfishing champion, also was presented the largest fish trophy at a recent meeting. Gary Hitchcock was "B" grade champion, Richard Cook, junior champion. Bill Hookway, George York and Peter Hanna won plaques for largest fish of a species and Walt Deas was awarded the photography trophy for color slides taken at Woodie island.

Elections put into office Bob Webb, president; Gary Hitchcock, vice-president; Walt Deas, secretary; Don Watson, assistant secretary; Norm Madson, treasurer, and Roy Miers, patron.

During the annual convention at Bicheno, Tasmania, Bob Webb was awarded the Marlin trophy for his 323 lb. record Queensland Groper. J. Black is the Australian spearfishing champion and his wife won the woman's champion-ship.

Two big spearfishing competitions were held in April, one at Rockhampton and the Pacific Coast Championships near Newcastle. A photographic event was held in conjunction with the Pacific contest.

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